

# CATALOG



**CABLOFIL®**  
CABLE MANAGEMENT

2018  
2019

designed to be better.™



# Table of contents



- INTRODUCTION  
PAGES A.1-A.7
- WIRE MESH TRAY  
PAGES A.8-A.15
- SPLICING  
PAGES A.16-A.21
- MOUNTINGS  
PAGES A.22-A.37
  - WALL MOUNTS PAGES A.22-A.27
  - CEILING MOUNTS PAGES A.28-A.33
  - UNDERFLOOR PAGES A.34-A.37
- DROPOUTS  
PAGES A.38-A.41
- INSERTS  
PAGES A.42-A.45
- ACCESSORIES  
PAGES A.46-A.55
- INSTALLATIONS  
PAGES A.56-A.77

- INTRODUCTION  
PAGES B.1-B.13
- LADDER TRAY, TROUGH  
& SOLID BOTTOM  
PAGES B.14-B.79
  - ITRAY PAGES B.16-B.31
  - METALLIC PAGES B.32-B.69
  - FIBERGLASS PAGES B.70-B.79
- CABLE RUNWAY  
PAGES B.80-B.85









Trough Tray












C



Fasteners

D

-  INTRODUCTION  
PAGES C.1-C.5
-  TRAY, SPLICES & FITTINGS  
PAGES C.6-C.13
-  SUPPORTS & ACCESSORIES  
PAGES C.14-C.23
-  INSTALLATIONS  
PAGES C.24-C.27
-  SPECIFICATIONS  
PAGES C.28-C.29
-  CROSS REFERENCE  
PAGES C.30-C.31

-  INTRODUCTION  
PAGES D.1
-  J-HOOKS  
PAGES D.2-D.7
-  CLAMPS  
PAGES D.8-D.21
  -  BEAM CLAMPS PAGES D.10-D.13
  -  CABLE CLAMPS PAGES D.14-D.15
  -  CONDUIT CLAMPS PAGES D.16-D.21
-  BOX BRACKETS  
PAGES D.22-D.30
-  OTHER FASTENERS  
PAGES D.31
-  CABLOPORT  
PAGES D.32-D.35
-  SEISMIC BRACING  
PAGES D.36-D.42
-  CROSS REFERENCE INDEX  
PAGES D.43-D.49

- FULL LINE PRODUCT INDEX  
PAGES X-XI

# LEGRAND

## The most **complete** line

### WIRE MESH TRAY



Wire mesh cable tray is the best choice data and power cable pathways in commercial and industrial projects. It can be installed quickly using smaller crews to reduce overall installed costs by up to 50%. Cablofil products are constructed of precision engineered, high quality, welded steel wire and can be adapted to fit any installation on-site. A variety of available finishes allows Cablofil products to be used for indoor applications where aesthetics are a factor or exterior environments that require extreme corrosion resistance.

### PW<sup>®</sup> LADDER TRAY



PW Ladder tray is the ultimate solution for heavy power cables in industrial applications. It features a modified aluminum I-beam design that's suited for industrial installations with large diameter cables. The structural offset in the sidewall creates a strong, mid-span splice that reduces the number of supports required. PW Long Span Tray is available in aluminum and steel for extremely heavy loads and longer spans for roadway bridging. Our exclusive long span/heavy duty cable tray is designed with I-beam side rails that can span up to 50' and meet exacting industry and load standards.

# of cable management products

## TROUGH TRAY

Fiber Trough & V-Trough



Trough Tray cable management systems are designed to maximize network reliability and minimize lifecycle costs. The FT series utilizes high strength steel components to provide the strength and durability required to manage fiber optic or copper cabling in the most demanding data center environments. The VT series provides protection for power cables, keeping them cool and accessible. Cablofil Trough tray gives any installation a professional look and provides the ultimate protection for your cables.

## FASTENERS

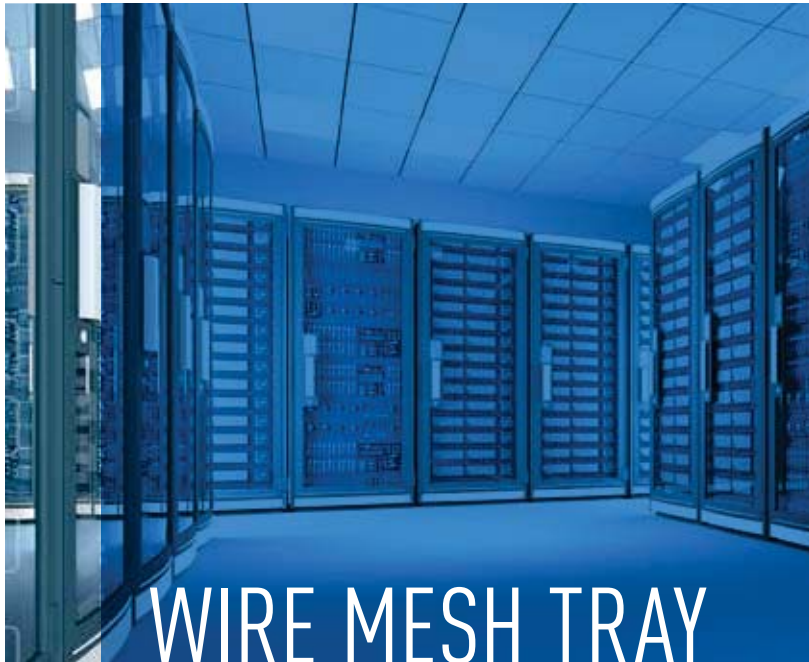
J-Hooks, Beam Clamps, Cable Clamps, Conduit Clamps, Box Brackets, FAS Power®, CabloPort & Seismic Bracing



Our new Fasteners line is comprised of the products that contractors use on a daily basis for cable management. J-Hooks, Box Brackets, CabloPort rooftop supports and cable tray support hardware. Each product is designed for easy installation and is constructed of quality materials that make for a lasting installation.

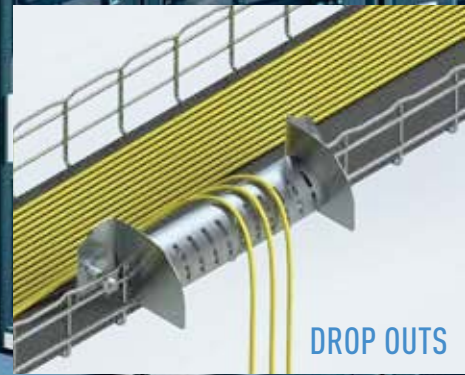
# LEGRAND

## TRENDS IN CABLE MANAGEMENT



### WIRE MESH TRAY

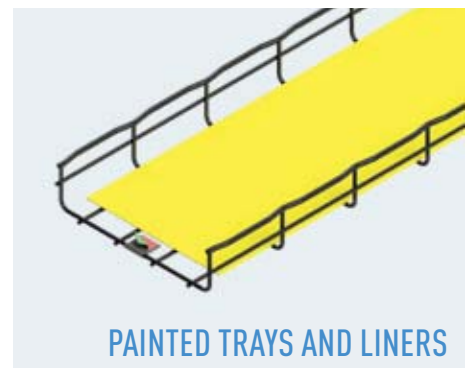
Data centers and cabling infrastructure have been undergoing rapid changes since the information age began. The volume and types of copper and fiber optic cabling has also evolved requiring a cable management system that is easily upgradable and has a clean visual appearance. Keep your installations future ready.



DROP OUTS



FIBER OPTIC ACCESSORIES



PAINTED TRAYS AND LINERS



# PW LADDER TRAY

New advances in cable tray design allow shorter installation times and dramatically improved productivity for installers. ITray is a redesigned system that requires fewer supports and installs in record time. Our new cable cleats keep heavy duty cables safe and secure in the event of a short or overload.

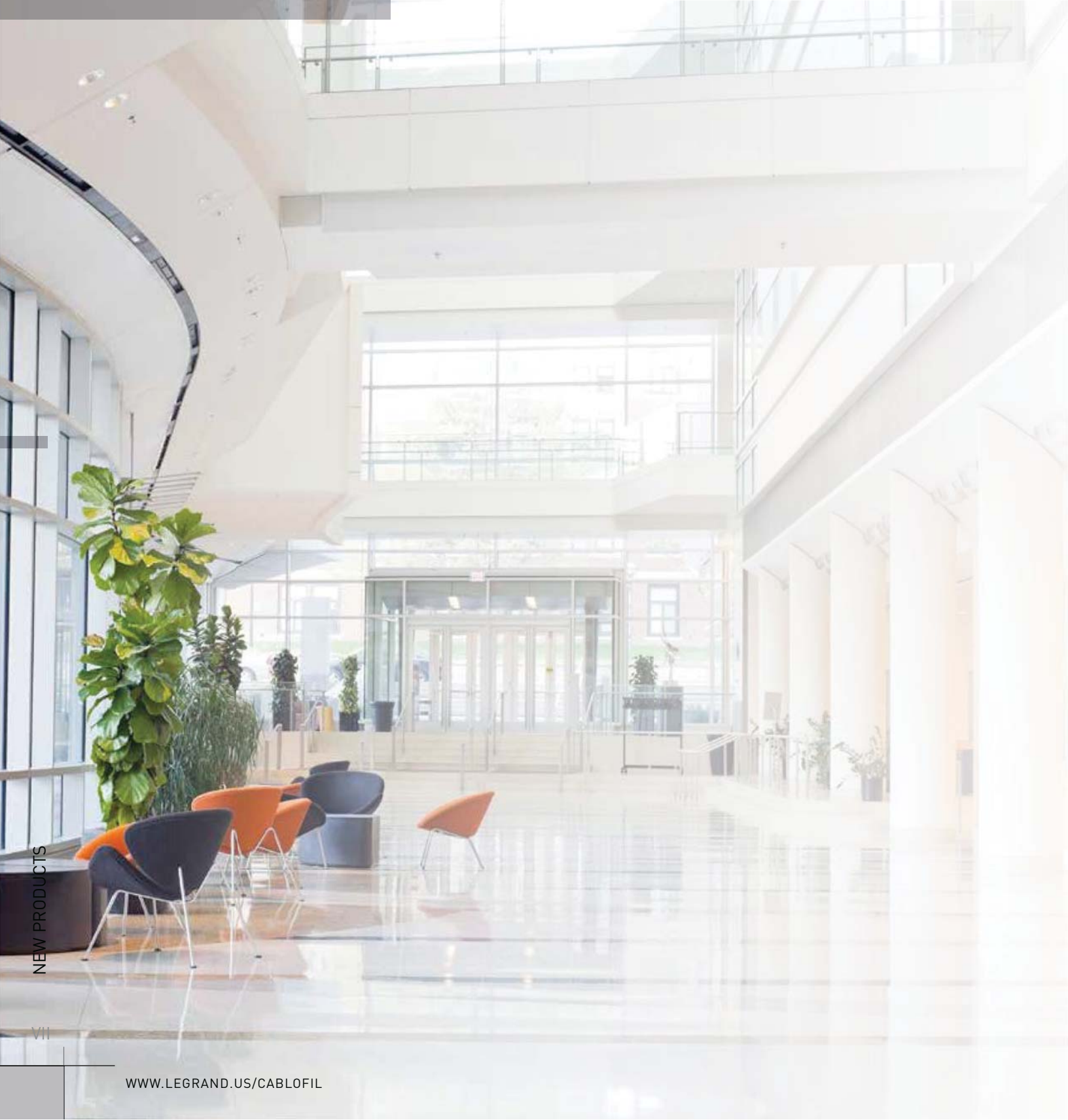


ITRAY



CABLE CLEATS

# LEGRAND



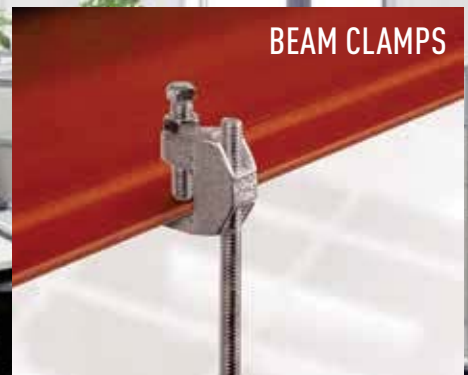
NEW PRODUCTS



# TRENDS IN CABLE MANAGEMENT



Every contractor knows that productivity is the key to profitability. Look to Legrand as the complete source for branch cabling needs, including our newly expanded line of spring steel fasteners and clamps. These products are indispensable for every contractor.



# LEGRAND

## Web-based design tools

Cablofil products from Legrand have always been easy to install, and with these online tools, it's now easy to design your next project. They will guide you through the Cablofil product line and help you plan your next project, quickly and easily. You can find links to all of these helpful programs at [www.legrand.us/cablofil/tools](http://www.legrand.us/cablofil/tools).



Submittal Builder helps build submittals fast. Select the Cablofil parts that suit your project and Submittal Builder will assemble a cover sheet and all of the cut sheets needed for the materials you specified-in a single pdf file.



Use this online tool for a quick estimate of the Cablofil parts needed to complete your next project. Take Off Wizard will give you a material list by run, or a total bill of materials.



FAS Path Configurator helps you plan and create prefabricated cable management supports. Prefabricated or kitted supports are assembled by Legrand in advance and are shipped to the jobsite to reduce costs. Choose from three types of support systems – underfloor, wall or ceiling hung supports. Then configure your support online and print out a completed cut sheet.



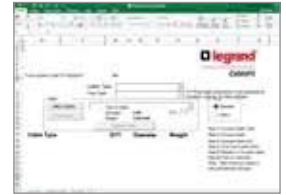
Need a drawing or have a unique problem with your cable pathway design? This drawing library has a variety of product drawings and special application assemblies that are downloadable and ready to use.





*interactive*  
load table

Download this Excel spreadsheet to determine what size cable pathway you need for your application. It is loaded with sizes and weights for most standard data and power cable and will calculate volume and weight limits for your cable pathway.



*FAS power*  
configurator

FAS Power pre-wired assemblies from Legrand are now easier to order with an online configurator. Choose from floor or wall brackets and any number of accessories and our configurator will display an exploded drawing and a corresponding item number in seconds. A downloadable pdf cutsheet is instantly created that you can use in specification or ordering.



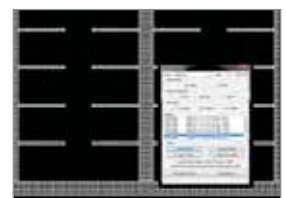
*PW 3D drawing*  
configurator

This a great tool to quickly select the proper tray by NEMA Class, size and material when planning your next project. Configure straight sections or horizontal and vertical fittings. A 2-D or 3-D drawing is created instantly in Solidworks, CATIA V5, AutoCAD 3D, IGES, STEP, or ParaSolid Binary formats and is available for download. Data sheets are available for all parts that you configure.



*AutoCAD*  
TOOLS

This add-on allows you to bring the power AutoCAD to your next cable management project. Choose from multiple tray sizes and add them as an overlay to your plan. This add-on also allows you to generate a BOM for easy ordering.



# WIRE MESH TRAY

## TABLE OF CONTENTS

### INTRODUCTION

PAGES A.1-A.7

### WIRE MESH TRAY

PAGES A.8-A.15

### SPLICING

PAGES A.16-A.21

### MOUNTINGS

PAGES A.22-A.37

### DROP OUTS

PAGES A.38-A.41

### INSERTS

PAGES A.42-A.45

### ACCESSORIES

PAGES A.46-A.55

### INSTALLATIONS

PAGES A.56-A.77



# WIRE MESH TRAY

## The Industry Leader

### **CABLOFIL, THE FIRST NAME IN CABLE MANAGEMENT**

Over 35 years ago, Cablofil products were introduced to the European market. Since that time it has become the gold standard for cable management around the world. Its success is the result of on-going innovation and continued quality manufacturing practices that are being embraced by engineers and contractors alike. To date, more than 142,000 miles of Cablofil cable tray have been installed globally.

### **COMMITMENT TO THE NORTH AMERICAN MARKET**

Fifteen years ago, Cablofil was one of the first cable management manufacturers to market in the US, Mexico and Canada. Since then, demand for Cablofil products expanded rapidly requiring the establishment of a 78,000 sq. ft. manufacturing facility in Mascoutah, Illinois in 2001. This is currently the largest plant of its kind in North America. With this commitment, we have emerged as the US leader in product innovation, quality control and timely delivery.



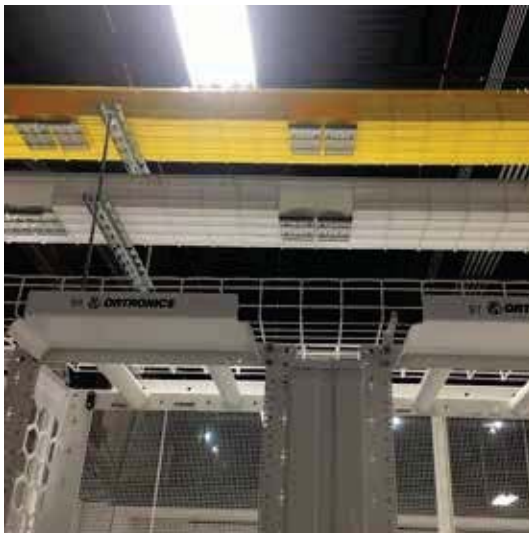
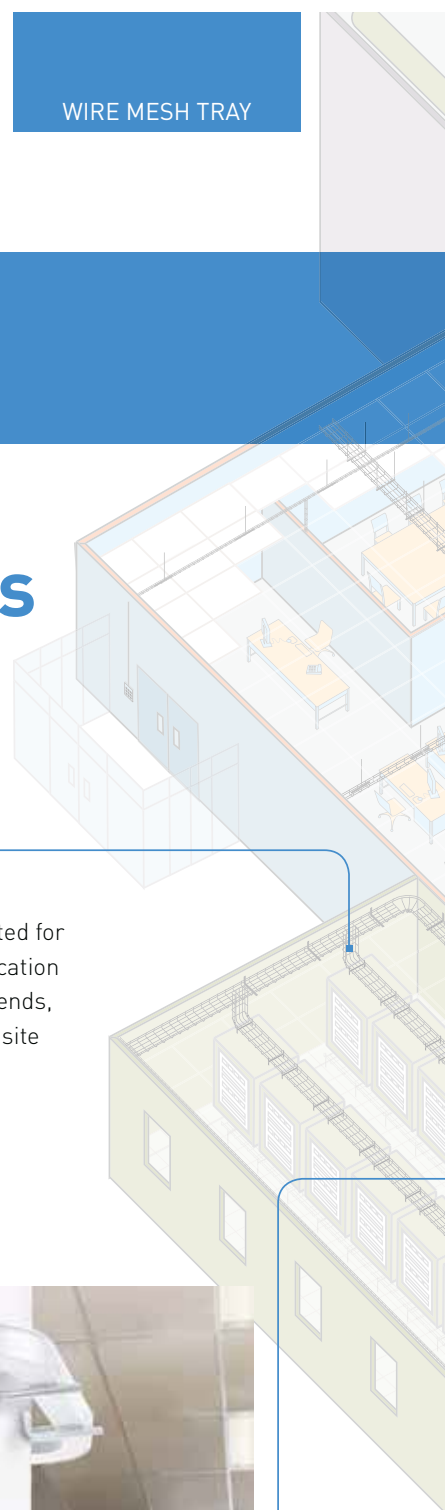
### **THE INNOVATION CONTINUES**

Legrand's vision and leadership has moved the cable management market forward with innovative ideas and product enhancements. And as the market changes, so do we. Each product within the Cablofil product line is constantly evaluated for improving cable pathway construction and to reduce installation times. We are constantly developing new products to embrace new cabling types and methods. Look to Legrand, the industry leader in cable management.

# WIRE MESH TRAY

## Engineered Solutions for Specific Applications

Cablofil products from Legrand are the right choice for cable management in all types of construction. Look to the leader for specially engineered products that reduce installation time and create cost-effective installations. For specific installation ideas and downloadable drawings, go to our online Best Practices web site at: [www.legrand.us/cablofil/tools](http://www.legrand.us/cablofil/tools).



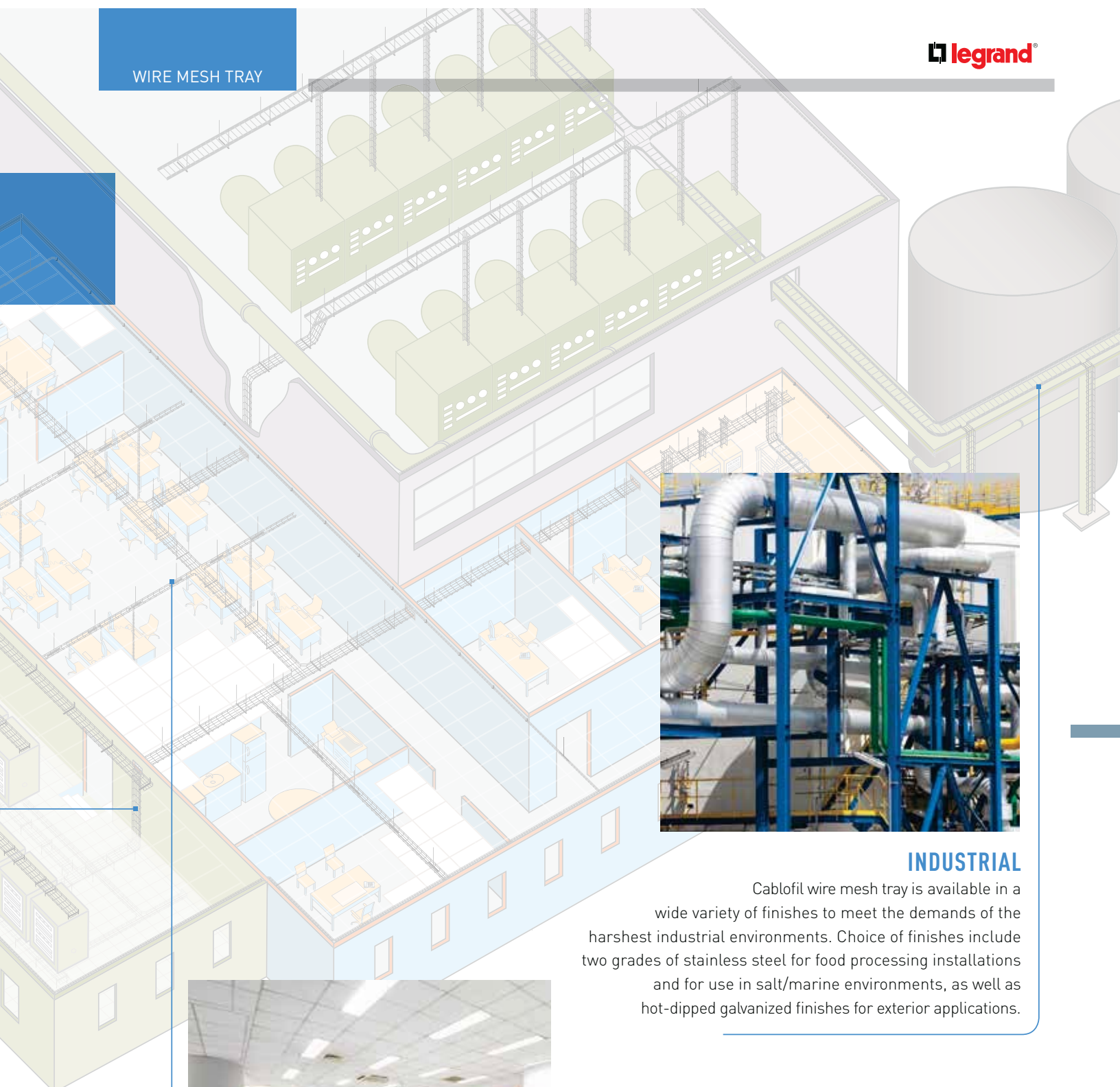
### DATA CENTER

Wire mesh cable management is especially suited for tight spaces usually associated with communication closet installations. All cable pathway turns, bends, and changes in elevation can be fabricated on-site with simple tools to speed installation time.



### FIBER OPTIC

Fiber optic installations require smooth cable pathways for reliable and uninterrupted signal quality. The Cablofil product line includes specialized accessories suited for fiber optic cabling installations including rounded corners, drop outs, tray intersection crossovers and custom painted tray.



## INDUSTRIAL

Cablofil wire mesh tray is available in a wide variety of finishes to meet the demands of the harshest industrial environments. Choice of finishes include two grades of stainless steel for food processing installations and for use in salt/marine environments, as well as hot-dipped galvanized finishes for exterior applications.



## COMMERCIAL

The Cablofil product line from Legrand is as good-looking as it is tough. All components are available in Black or Custom Color power-coated finishes for exposed installations in offices and public buildings, or in a cost-effective electrozinc finish for use above suspended ceilings.

# WIRE MESH TRAY

## Finishes and Product Features

Cablofil wire mesh trays and accessories are available in a variety of finishes to meet any industry need, from decorative to extreme environments. Use this chart to help you determine the best finish for your application and its availability.

SYMBOL	MATERIAL	FINISH & STANDARD	INTERIOR INSTALLATIONS	EXTERIOR INSTALLATIONS	PETROLEUM PLANTS CHEMICAL PLANTS	MARINE/SALT, WEAK SULPHUROUS ENVIRONMENTS	ACIDIC, ALKALINE ENVIRONMENTS	FOOD PRODUCTION, WASH-DOWN, CLEAN ROOMS	HALOGEN ENVIRONMENTS
<b>PG</b>	<b>Carbon Steel</b> ASTM A653	<b>Pre-Galvanized:</b> Continuous Galvanization Before Fabrication ASTM A 653	●						
<b>EZ</b>	<b>Carbon Steel</b> ASTM A510 Grade 1020	<b>Electrozinc:</b> Electrozinc plating ASTM B 633	●						
<b>GC</b>	<b>Carbon Steel</b> ASTM A510 Grade 1008	<b>Hot Dipped Galvanized:</b> After Fabrication ASTM A 123		●	●	●	●		
<b>DC</b>	<b>Carbon Steel</b> ASTM A510 Grade 1008	<b>Geomet:</b> Zinc and Aluminum Protection Equivalent to Hot Dip Galvanization ASTM F 1136		●	●	●	●		
<b>304L</b>	<b>Stainless Steel</b> AISI Type 304L	<b>Stainless Steel 304L:</b> Cleaned and Passivated ASTM A 380		●	●	●	●	●	●
<b>316L</b>	<b>Stainless Steel</b> AISI Type 316L	<b>Stainless Steel 316L:</b> Cleaned and Passivated ASTM A 380		●	●	●	●	●	●
<b>BL</b>	<b>Carbon Steel</b> ASTM A510 Grade 1008	<b>Black Painted:</b> Black Powder Coated ASTM D 3451	●						
<b>PE</b>	<b>Carbon Steel</b> ASTM A510 Grade 1008	<b>Custom Painted:</b> Custom Color Powder Coated ASTM D 3451	●						

For a more detailed explanation of finish standards and compatibility, visit [www.legrand.us/cablofil](http://www.legrand.us/cablofil).

● Recommended ● Possible

### CABLOFIL PRODUCT CODE

Our part number makes it easy to identify part type, size and finish. Please use this code whenever ordering or specifying any Cablofil product.

FOR TRAY			
TYPE OF TRAY	DEPTH IN MM	WIDTH IN MM	FINISH CODE
<b>CF</b>	<b>54</b>	<b>100</b>	<b>EZ</b>

FOR SUPPORT AND OTHER PRODUCTS		
PRODUCT CODE	SIZE IN MM	FINISH CODE
<b>FASC</b>	<b>300</b>	<b>PG</b>



# Galvanic Corrosion

Galvanic corrosion is the result of an electrochemical phenomenon due to the potential difference between different metals, or between a metal and the impurities it contains, when they are in electrical contact. Be aware of this phenomenon when selecting supports, splices and accessories. The results listed below are based on laboratory conditions and testing. However, in actual installations other conditions need to be considered to determine if significant galvanic reactions will occur.

## RECOMMENDED ACCESSORIES COMPATIBILITY

CABLE TRAY	ACCESSORIES
PG / EZ	PG / EZ
GC	GC / DC
304L / 316L	316L

## RECOMMENDED FOR HARDWARE FINISH CABLE TRAY

TRAY MATERIAL & FINISH	HARDWARE FINISH			
	ZINC-PLATED	GEOMET	GC	316L
Steel/EZ (Electrozinc)	●	●	●	●
Steel/GC (HDGAF)		●	●	●
Steel/BL (Painted)	●	●	●	●
Steel/PE (Painted)	●	●	●	●
Stainless-steel 304 (Passive)		●	●	●
Stainless-steel 316 (Passive)		●	●	●
Aluminum	●	●		●

● Recommended ● Possible

## GALVANIC CORROSION TEST RESULTS

SECONDARY MATERIAL (HARDWARE)	PRIMARY MATERIAL (TRAY)							
	STAINLESS-STEEL 304L	NICKLE	COPPER	BRASS	CARBON STEEL	ALUMINIUM	CHROMIUM	ZINC
Stainless-steel 304L	0							
Nickle	180	0						
Copper	320	140	0					
Brass	400	220	80	0				
Carbon Steel	750	570	430	350	0			
Aluminum	840	660	520	440	90	0		
Chromium	950	770	630	550	200	110	0	
Zinc	1150	970	830	750	400	310	200	0

The potential differences are expressed in millivolts. Shaded secondary materials in combination with primary materials listed above is not recommended.

### Conditions

#### Lab Tests

- Submerged in seawater
- Equal mass materials
- Great connection

#### Typical Cable Tray Installation

- Wet/dry cycles not constant immersion
- Primary material may be 100 times greater
- Electrical current/connector

## SYMBOLS LEGEND

Use these symbols to guide you through our catalog of innovative cable management products.



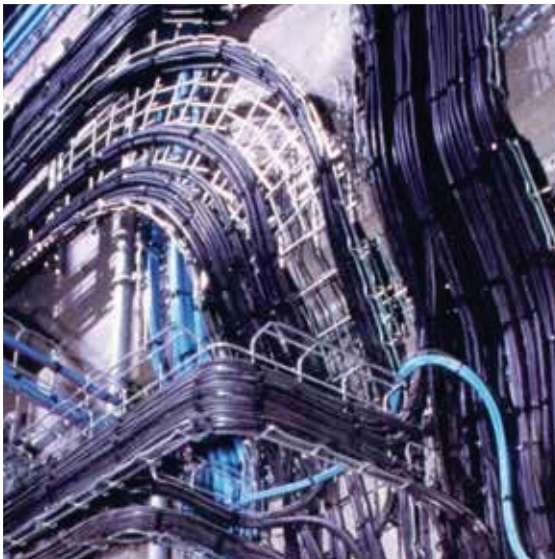
## MOUNTING SYMBOLS LEGEND



# WIRE MESH TRAY

## Quick Reference Load Table

Use this handy load guide to determine the capacity of your cable pathway. Always plan for extra space in cable pathways during the initial installation to allow capacity for future cable additions. For information on other cable sizes, go to [www.legrand.us/cablofil/tools](http://www.legrand.us/cablofil/tools) and use our online load calculator.


**LOAD TABLE**

TRAY	FILL AREA (sq. in.)	LOADS IN LBS/FT PER SPAN			
		5	6	7	8
CF54/50(2x2)	4.03	32.0	15.1	11.1	9.1
CF54/100(2x4)	8.06	39.4	22.3	16.4	15.9
CF54/150(2x6)	12.09	46.5	27.6	20.3	19.1
CF54/200(2x8)	16.12	54.2	36.4	26.7	24.7
CF54/300(2x12)	24.18	71.6	47.1	34.6	31.7
CF54/450(2x18)	36.27	134.9	91.0	66.8	60.3
CF54/600(2x24)	48.36	119.4	95.4	70.1	62.8
CF105/100(4x4)	15.97	68.3	46.4	34.1	30.5
CF105/150(4x6)	23.95	98.4	60.2	44.3	40.9
CF105/200(4x8)	31.93	109.4	76.2	56.0	51.9
CF105/300(4x12)	47.90	142.0	126.8	93.1	89.2
CF105/450(4x18)	71.84	151.0	129.9	95.4	88.7
CF105/600(4x24)	95.79	151.0	129.9	95.4	88.7
CF150/150(6x6)	34.41	127.5	123.0	90.4	89.1
CF150/200(6x8)	45.88	127.5	123.0	90.4	89.1
CF150/300(6x12)	68.82	175.9	155.0	113.9	98.3
CF150/450(6x18)	103.23	175.9	155.0	113.9	98.3
CF150/600(6x24)	137.64	228.5	165.7	121.7	91.3
ZF150/900(6x36)	206.49	228.5	165.7	121.7	91.3

**DATA CABLE FILL TABLE**

**MC POWER CABLE FILL TABLE**

TRAY	MAX NUMBERS OF CABLES PER NEC CODE 392.22 (A)(2)				MAX NUMBERS OF CABLES PER NEC CODE 392.22 (A)(2)			
	Cat 5e 4-pr Plenum (.17")	Cat 5e 4-pr Non-Plenum (.19")	Cat 6e 4-pr Plenum (.22")	Cat 6a 4-pr Plenum (.35")	2C (12 AWG) THHN TypeMC AlumArmor	3C (12 AWG) THHN TypeMC AlumArmor	3C (AWG 4/0) THHN TypeMC AlumArmor	3C (500 kcmil) THHN TypeMC AlumArmor
CF54/50(2x2)	88 cbls	71 cbls	53 cbls	20 cbls	11 cbls	10 cbls	—	—
CF54/100(2x4)	177 cbls	142 cbls	106 cbls	41 cbls	23 cbls	21 cbls	2 cbls	1 cbl
CF54/150(2x6)	266 cbls	213 cbls	159 cbls	62 cbls	35 cbls	31 cbls	3 cbls	2 cbls
CF54/200(2x8)	355 cbls	284 cbls	212 cbls	83 cbls	47 cbls	42 cbls	5 cbls	3 cbls
CF54/300(2x12)	532 cbls	426 cbls	318 cbls	125 cbls	71 cbls	63 cbls	7 cbls	5 cbls
CF54/400(2x16)	710 cbls	568 cbls	424 cbls	167 cbls	95 cbls	84 cbls	10 cbls	7 cbls
CF54/450(2x18)	798 cbls	639 cbls	477 cbls	188 cbls	107 cbls	94 cbls	11 cbls	7 cbls
CF54/500(2x20)	887 cbls	710 cbls	530 cbls	209 cbls	119 cbls	105 cbls	12 cbls	8 cbls
CF54/600(2x24)	1065 cbls	852 cbls	636 cbls	251 cbls	143 cbls	126 cbls	15 cbls	10 cbls
CF105/100(4x4)	351 cbls	281 cbls	209 cbls	82 cbls	23 cbls	21 cbls	2 cbls	1 cbl
CF105/150(4x6)	527 cbls	422 cbls	314 cbls	124 cbls	35 cbls	31 cbls	3 cbls	2 cbls
CF105/200(4x8)	703 cbls	563 cbls	419 cbls	165 cbls	47 cbls	42 cbls	5 cbls	3 cbls
CF105/300(4x12)	1055 cbls	844 cbls	629 cbls	248 cbls	71 cbls	63 cbls	7 cbls	5 cbls
CF105/400(4x16)	1406 cbls	1126 cbls	839 cbls	331 cbls	95 cbls	84 cbls	10 cbls	7 cbls
CF105/450(4x18)	1582 cbls	1266 cbls	944 cbls	373 cbls	107 cbls	94 cbls	11 cbls	7 cbls
CF105/500(4x20)	1758 cbls	1407 cbls	1049 cbls	414 cbls	119 cbls	105 cbls	12 cbls	8 cbls
CF105/600(4x24)	2110 cbls	1689 cbls	1259 cbls	497 cbls	143 cbls	126 cbls	15 cbls	10 cbls
CF150/150(6x6)	788 cbls	631 cbls	469 cbls	186 cbls	23 cbls	21 cbls	3 cbls	2 cbls
CF150/200(6x8)	1010 cbls	809 cbls	603 cbls	238 cbls	47 cbls	42 cbls	5 cbls	3 cbls
CF150/300(6x12)	1515 cbls	1213 cbls	905 cbls	357 cbls	71 cbls	63 cbls	7 cbls	5 cbls
CF150/400(6x16)	2021 cbls	1618 cbls	1206 cbls	476 cbls	95 cbls	84 cbls	10 cbls	7 cbls
CF150/450(6x18)	2273 cbls	1820 cbls	1357 cbls	536 cbls	107 cbls	94 cbls	11 cbls	7 cbls
CF150/500(6x20)	2526 cbls	2022 cbls	1508 cbls	596 cbls	119 cbls	105 cbls	12 cbls	8 cbls
CF150/600(6x24)	3031 cbls	2427 cbls	1810 cbls	715 cbls	143 cbls	126 cbls	15 cbls	10 cbls

# WIRE MESH TRAY

## Designed to be Better

Our wire mesh tray is constructed of precision engineered, high quality, welded steel wire and is the result of decades of research gained from the installation of 125,000 miles of tray across the globe. Our tray is subjected to testing at every stage of the manufacturing process. In actual use, it has performed in a wide variety of applications from heavy power cable pathways on oil drilling platforms in the North Sea, to data installation above the ceiling in modern office buildings.



### SAFE-T-EDGE

Our unique Safe-T-Edge design involves "T" welding the lateral wires to the bottom edge of the top wires, which eliminates sharp edges and creates a smooth cable pathway that's safe for cables and installers. This is most important when adding or changing cables in your cable pathway.



### UL CLASSIFIED PAINTED WIRE CABLE TRAY

Our UL Classified painted wire tray meets NEC392 from the National Electric Code that states, "all cable tray systems must be properly BONDED, per 250.96". It is also UL Classified as an EGC (Equipment Grounding Conductor). Installation requires a SWK splice on adjoining tray bottoms that features a copper strip.



### PATENTED OPTIMIZED WIRE DESIGN

The diameter of key wire in Cablofil wire mesh tray is optimized to the exact diameter necessary, enabling the tray to support the greatest working load. While other manufacturers advocate larger wire sizes for greater strength, Legrand reviews product performance using best-tested method for in-field use. This optimized wire design is patented in the US and around the world.

## CERTIFICATIONS

Cablofil products from Legrand have been independently evaluated by UL, CSA, ABS, DNV, ETL, and VDE to meet applicable standards and requirements. Our products hold UL Classification to NEC requirements, cCSAus certification to NEMA & CSA requirements, ABS Product Design Assessment certification, and E90 certification. Our products also meet the standards requirements of IEC, EIA-TIA, and BICSI. For more information on Cablofil certifications, please visit [www.legrand.us/cablofil](http://www.legrand.us/cablofil).

### MEMBERSHIPS:

NEMA, CTI, EIA-TIA, NFPA, IEC, BICSI

REGISTERED TO  
ISO 9001:2000





- CF 54** **A.10**  
2" DEEP CABLOFIL  
CABLE TRAY
- CF 105** **A.10**  
4" DEEP CABLOFIL  
CABLE TRAY
- CF 150 / ZF 150** **A.11**  
6" DEEP CABLOFIL  
CABLE TRAY
- UL CLASSIFIED PAINTED** **A.11**  
WIRE CABLE TRAY
- CFG** **A.12**  
2" DEEP CABLOFIL  
G-TRAY AND G-MINI
- TXF 35** **A.13**  
1" DEEP TELEX RAIL
- CTXF 35** **A.13**  
TELEX RAIL COVER
- UC 35** **A.13**  
TELEX RAIL  
STANDOFF SUPPORT
- CVN** **A.14**  
CABLOFIL COVER
- CLIP F02** **A.14**  
COVER CLIP
- COTFIL50/COTFIL100** **A.14**  
SNAP-IN WIRE DIVIDERS
- COT F** **A.15**  
FLEXIBLE DIVIDER
- COT 54** **A.15**  
DIVIDER STRIP
- COT 105/COT 150** **A.15**  
DIVIDER STRIP
- COT J** **A.15**  
DIVIDER COUPLER



**LOAD TESTING**

Our wire mesh tray has been engineered and tested per NEMA VE1 to support loads that exceed its fill capacity. For exact data on load capacity, testing methods and support placement, please visit [www.legrand.us/cablofil](http://www.legrand.us/cablofil).



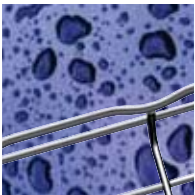
**RESISTANCE TO FIRE**

Wire mesh tray from Legrand is certified E-30 to E-90. This German standard is the only certification of its kind in the world and requires that the tray and its supports withstand 1000° C or 1832° F heat for a period of 90 minutes. This is an important safety consideration when planning fire exit routes from a burning building.



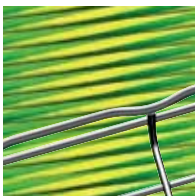
**EXCELLENT EMC**

Testing by independent laboratories show that Cablofil products from Legrand, when installed and earthed correctly, significantly reduces electromagnetic disturbances. The steel structure of the tray absorbs EMI and drains the disturbance away from cables causing minimal effect to the connected equipment. Cable pathways constructed of aluminum alloys or plastics have no effect on EMI reduction.



**ELECTRICAL CONTINUITY**

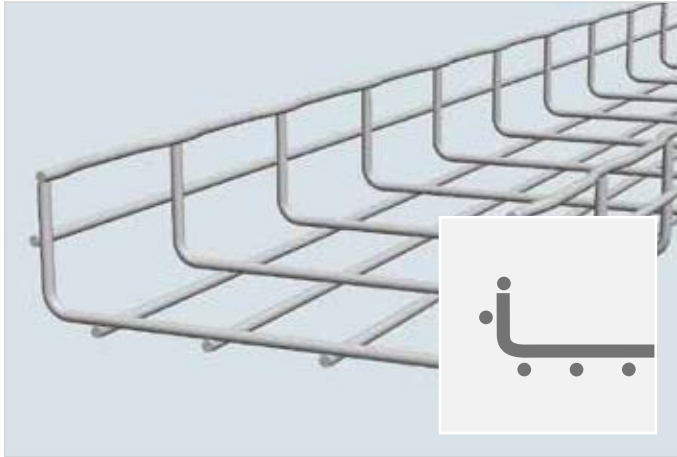
Our wide range of splices and splicing methods are tested and comply with CSA, IEC, NEC, NEMA and UL requirements for low resistance. Excellent electrical continuity and grounding is essential for safe installations and reduces shock hazards.



**STEEL GRADE QUALITY**

Our tray is constructed of precision engineered, high quality steel wire and is ISO 9000 certified. And all materials and finished products are subjected to rigorous quality control at every stage of the manufacturing processes.

**CF 54**  
2 INCH DEEP CABLOFIL CABLE TRAY



Cablofil's Optimized Wire Size, Tray Patent Number – 6.138.961

	WIDTH		WEIGHT		FINISH / AVAILABILITY						
	IN	MM	LBS	KG	EZ	GC	304L	316L	BL	PE	WH
CF 54/50	2.0	50	5.3	2.4	S	S	S	M	M	M	M
CF 54/100	4.0	100	6.5	3.0	S	S	S	M	M	M	M
CF 54/150	6.0	150	7.8	3.5	S	S	S	M	M	M	M
CF 54/200	8.0	200	9.0	4.1	S	S	S	M	M	M	M
CF 54/300	12.0	300	13.4	6.1	S	S	S	M	S	M	M
CF 54/450	18.0	450	22.8	10.3	S	M	S	M	S	M	M
CF 54/500	22.0	550	25.9	11.7	S	M	M	M	M	M	M
CF 54/600	24.0	600	27.5	12.5	S	M	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

HEIGHT		LENGTH	
IN	MM	FT	M
2.0	54	10.0	3

**CF 105**  
4 INCH DEEP CABLOFIL CABLE TRAY



Cablofil's Optimized Wire Size, Tray Patent Number – 6.138.961

	WIDTH		WEIGHT		FINISH / AVAILABILITY						
	IN	MM	LBS	KG	EZ	GC	304L	316L	BL	PE	WH
CF 105/100	4.0	100	9.0	4.1	S	S	S	M	M	M	M
CF 105/150	6.0	150	10.2	4.6	S	M	S	M	M	M	M
CF 105/200	8.0	200	13.4	6.1	S	S	M	M	M	M	M
CF 105/300	12.0	300	21.2	9.6	S	S	S	M	S	M	S
CF 105/450	18.0	450	25.9	11.8	S	M	-	-	S	M	S
CF 105/500	20.0	500	27.5	12.5	S	M	M	M	M	M	M
CF 105/600	24.0	600	30.4	13.8	S	M	M	M	S	M	S

S - NORMALLY STOCKED M - MADE TO ORDER

HEIGHT		LENGTH	
IN	MM	FT	M
4.0	105	10.0	3

WIRE MESH TRAY

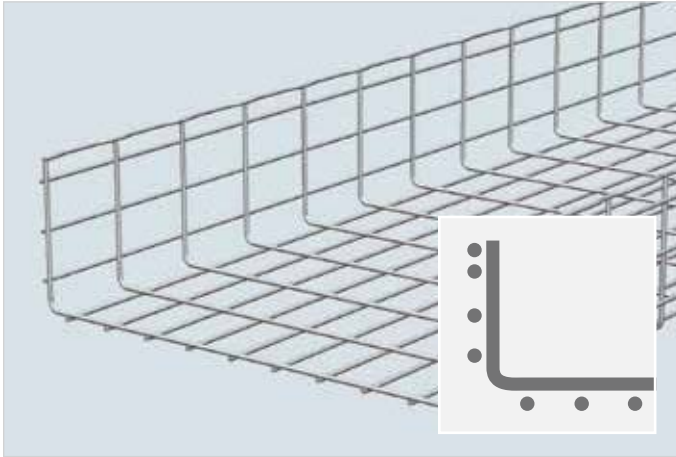
CABLE TRAY SECTION CATALOG NUMBERING EXAMPLE:

**CF 150/150 EZ** → FINISH CODE

**PRODUCT CODE**  
This identifies part type and size.

- EZ** Electrozinc
- GC** Hot Dipped Galvanized
- 304L** Stainless Steel 304L
- 316L** Stainless Steel 316L
- BL** Black Painted
- PE** Custom Painted
- WH** White Painted

**CF 150 / ZF 150**  
6 INCH DEEP CABLOFIL CABLE TRAY



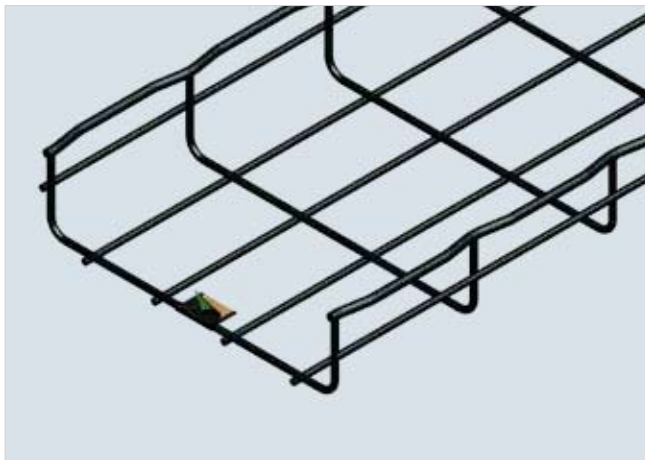
	WIDTH		WEIGHT		FINISH / AVAILABILITY						
	IN	MM	LBS	KG	EZ	GC	304L	316L	BL	PE	WH
CF 150/150	6.0	150	18.9	8.6	S	M	M	M	M	M	M
CF 150/200	8.0	200	21.8	9.9	M	M	-	-	M	M	M
CF 150/300	12.0	300	24.4	11.0	S	M	M	M	M	M	M
CF 150/450	18.0	450	26.5	12.0	S	M	-	-	M	M	M
CF 150/500	20.0	500	27.8	12.6	S	M	M	M	M	M	M
CF 150/600	24.0	600	36.4	16.5	S	M	-	-	M	M	M
ZF 150/900*	36.0	900	34.6	15.7	S	M	M	M	M	M	M

\*Products listed as "ZF" are only available in Straight Edge Tray.

S - NORMALLY STOCKED M - MADE TO ORDER

IN	MM	HEIGHT		LENGTH	
		FT	M	FT	M
6.0	150	10.0	3		

**UL CLASSIFIED PAINTED WIRE CABLE TRAY - ALL PAINTED**



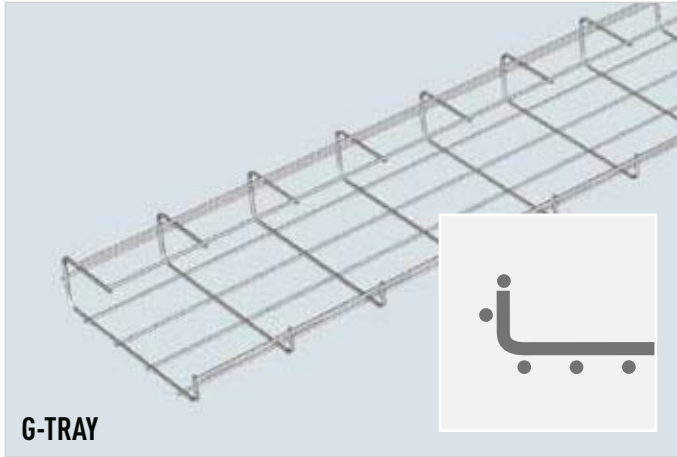
Patent Number - 8.253.022

- Industry's only UL-Classified painted wire cable tray per NEC 392.
- Standard on all Cablofil BL, PE or WH.

**Directions for use:**

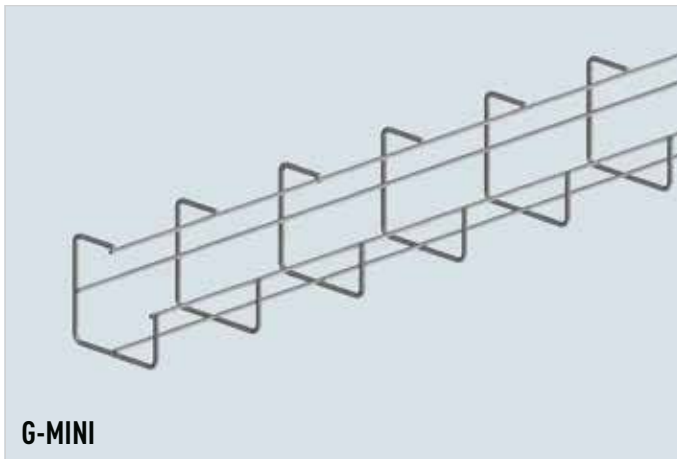
1. Remove outer mask of folded copper strip (that has been painted over) at the end of each section tray.
2. Splice tray section with SWK splice (page A.17) on copper strip of adjoining trays to maintain proper bonding.

**CFG**  
2 INCH DEEP CABLOFIL G-TRAY AND G-MINI



**G-TRAY**

- Unique curved top allows for direct attachment to machinery, ceilings or walls.
- Use CE40 for CFG support attachment.
- 3" overhang on G-Tray allows for direct-mounting in many configurations.
- Unique crosswire design easily bends and lies flat when mounting.
- G-Mini is a simple and secure routing for small cable runs.
- Use SWK (page A.17) for splicing.

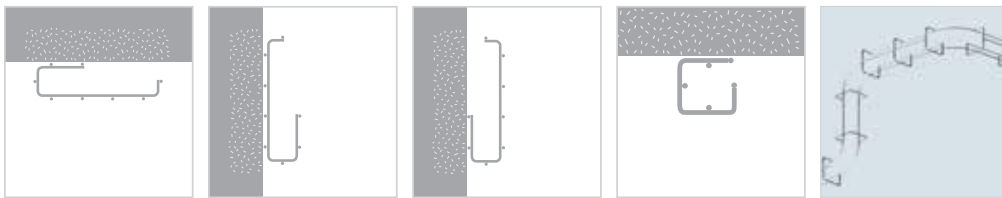


**G-MINI**

	WIDTH		WEIGHT		FINISH / AVAILABILITY						
	IN	MM	LBS	KG	EZ	GC	304L	316L	BL	PE	WH
CFG 50/100	4.0	100	7.0	3.2	S	M	M	M	M	M	M
CFG 50/150	6.0	150	10.3	4.7	M	M	-	-	M	M	M
CFG 50/200	8.0	200	10.3	4.7	M	M	M	M	M	M	M
G-MINI	2.0	50	8.8	4.0	S	M	-	M	-	-	-

S - NORMALLY STOCKED M - MADE TO ORDER

HEIGHT		LENGTH	
IN	MM	FT	M
2.0	50	10.0	3



**CABLE TRAY SECTION CATALOG NUMBERING EXAMPLE:**

**CF 150/150 EZ** → FINISH CODE

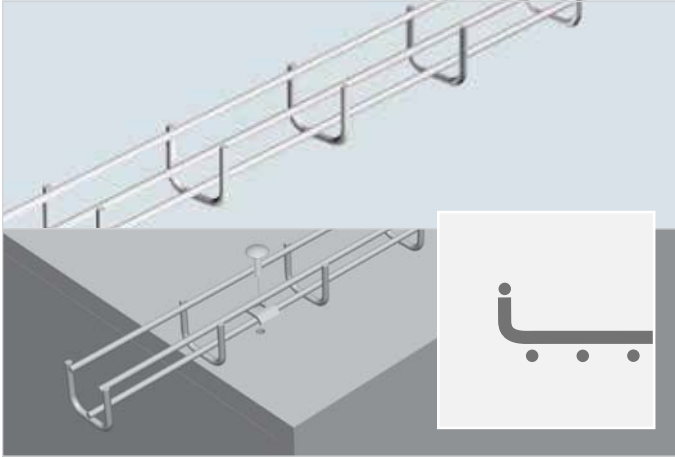
**PRODUCT CODE**

This identifies part type and size.

- EZ** Electrozinc
- GC** Hot Dipped Galvanized
- 304L** Stainless Steel 304L
- 316L** Stainless Steel 316L
- BL** Black Painted
- PE** Custom Painted
- WH** White Painted



### TXF 35 1 INCH DEEP TELEX RAIL



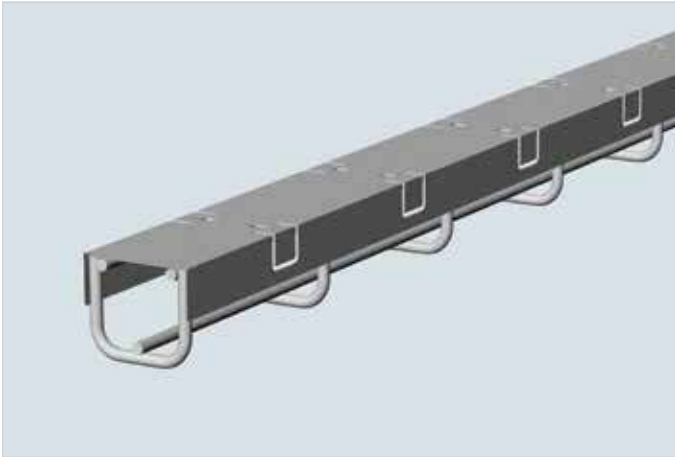
- Unique wire arrangement allows tray to lay flat on cabinets or machinery without rocking.
- Use in applications where small runs of cable are needed.
- Use SWK splice hardware. (page A.17)

	WIDTH		WEIGHT		FINISH / AVAILABILITY					
	IN	MM	LBS	KG	EZ	GC	304L	316L	BL	PE
TXF 35	1.0	35	3.3	1.5	S	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

HEIGHT		LENGTH	
IN	MM	FT	M
1.0	35	10.0	3

### CTXF 35 TELEX RAIL COVER



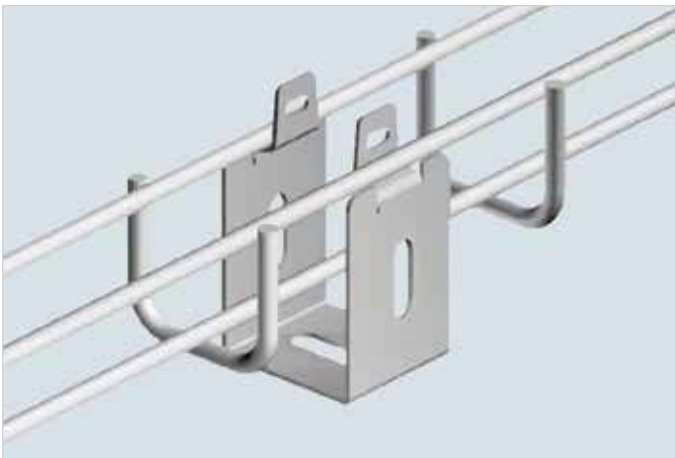
- Cover eliminates dirt and dust build-up on cable.
- Field fabricates on-site to fit changes in levels.
- Provides physical protection for cables.
- Use built-in tabs for permanent attachment to tray.

	WIDTH		WEIGHT		FINISH / AVAILABILITY				
	IN	MM	LBS	KG	PG	GC	316L	BL	PE
CTXF 35	1.0	35	2.7	1.2	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

LENGTH	
FT	M
10.0	3

### UC 35 TELEX RAIL STANDOFF SUPPORT

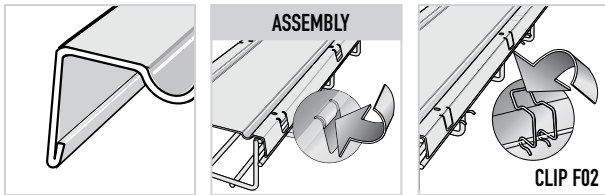
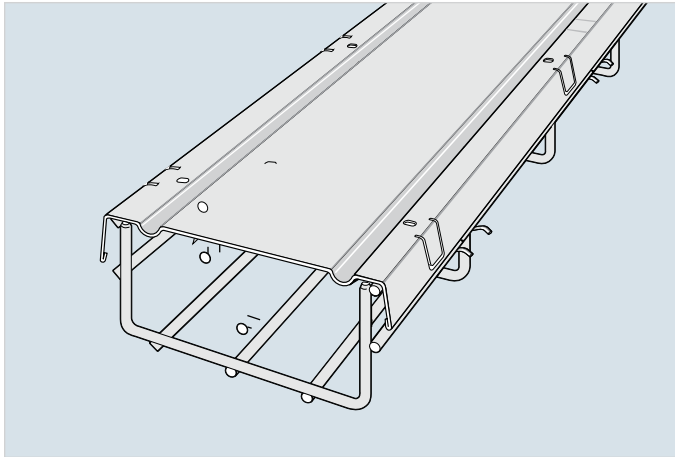


- Specially designed to attach Telex rail to cabinet tops and channel framing.
- Fold over tabs secure tray without nuts and bolts. Just snap tray in place.

	WIDTH		WEIGHT		FINISH / AVAILABILITY				
	IN	MM	LBS	KG	PG	GC	316L	BL	PE
UC 35	1.5	40	1.1	0.5	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

**CVN**  
CABLOFIL COVER



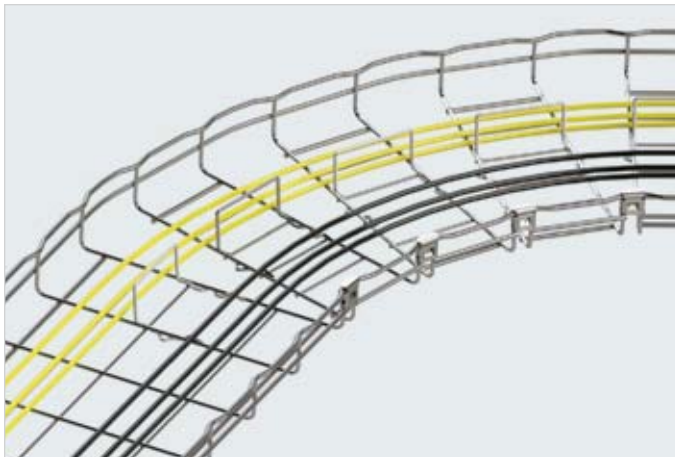
- Cover eliminates dirt and dust build-up on cable.
- Field fabricate on-site to fit changes in levels.
- Use built-in tabs for permanent attachment to tray.
- 3 – 3.3' covers are included in each package to cover 1-10' section of Cablofil tray.
- Use CLIP F02 for installations where cover (CVN) is removed frequently.

	WIDTH		WEIGHT		PG	FINISH / AVAILABILITY				
	IN	MM	LBS	KG		GC	316L	BL	PE	WH
CVN 50	2.0	71	2.6	1.2	S	S	M	M	M	M
CVN 100	4.0	121	4.6	2.1	S	S	M	M	M	M
CVN 150	6.0	171	7.3	3.3	S	M	M	M	M	M
CVN 200	8.0	221	9.3	4.2	S	M	M	M	M	M
CVN 300	12.0	322	13.2	6.0	S	M	M	M	M	M
CVN 450	18.0	475	22.5	10.2	M	M	M	M	M	M
CVN 500	20.0	525	28.4	12.9	M	M	M	M	M	M
CVN 600	24.0	625	33.1	15.0	M	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

	PKG. QTY	WEIGHT		PG	LENGTH			
		LBS	KG		316L	BL	FT	M
CLIP F02	25	2.2	1.0	S	M	M	3.3	1

**COTFIL50/COTFIL100**  
SNAP-IN WIRE DIVIDERS



- Keeps different cabling types separated in a single pathway
- Mount on straight sections, tees, crosses, junctions and sweeps
- Specific sizes available for CF54 and CF105 series Cablofil Cable Management
- Snaps-in, requiring no additional hardware
- Patented

	PKG. QTY	SIZE		WEIGHT		FINISH / AVAILABILITY	
		IN	MM	LBS	KG	EZ	316L
COTFIL50	1	2	50	.91	.412	M	M
COTFIL100	1	4	100	1.04	.471	S	M



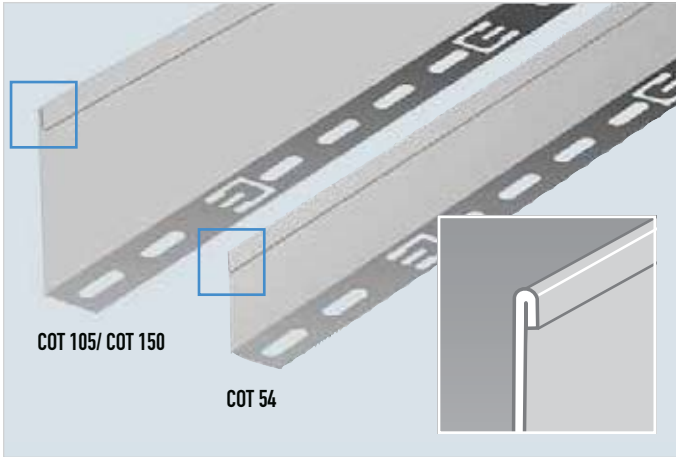
**CABLE TRAY SECTION CATALOG NUMBERING EXAMPLE:**

**CF 150/150 EZ** → FINISH CODE

**PRODUCT CODE**  
This identifies part type and size.

- EZ** Electrozinc
- GC** Hot Dipped Galvanized
- 304L** Stainless Steel 304L
- 316L** Stainless Steel 316L
- BL** Black Painted
- PE** Custom Painted
- WH** White Painted

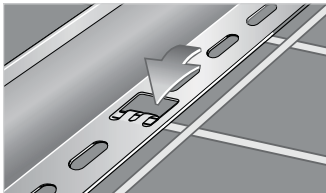
## COT DIVIDER STRIP



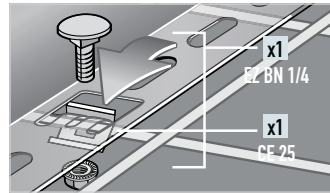
- For cable separation within a single tray.
- Field fabricate with tin snips for changes in levels.
- COT 54 Attach to tray with fold-over tabs or with EZ BN 1/4 and CE 25 (sold separately – see pg. A.55).
- COT 105/ COT 150 Requires EZ BN 1/4 and CE 25 to attach to tray (included).
- COT 150 does not have tabs.
- COT J improves electrical continuity and strengthens dividers.
- COT J can be removed with a screwdriver and is reusable.

	HEIGHT		WEIGHT		PG	FINISH / AVAILABILITY				
	IN	MM	LBS	KG		GC	316L	BL	PE	WH
COT 54	2.0	54	2.8	1.3	S	M	M	S	M	M
COT 105 KIT	4.0	105	4.7	2.1	S	M	M	S	M	M
COT 150 KIT	6.0	150	6.6	3.0	S	M	M	M	M	M

COT 54 MOUNTING



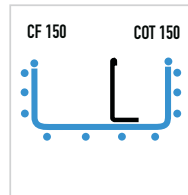
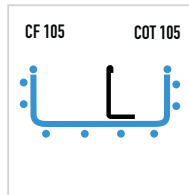
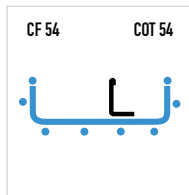
COT 105/ COT 150 MOUNTING



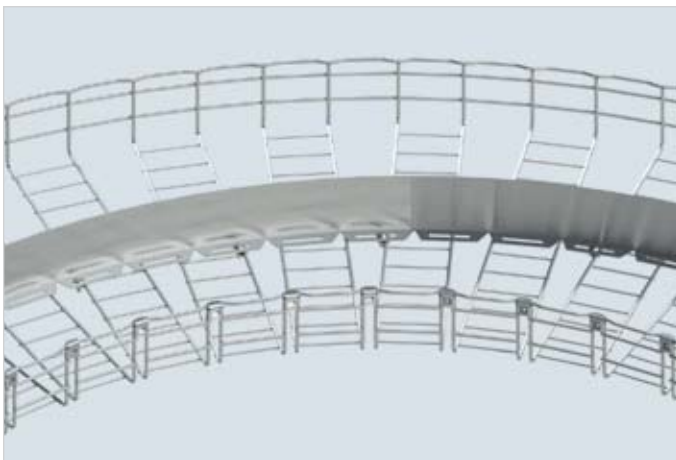
S - NORMALLY STOCKED M - MADE TO ORDER

	PKG. QTY	WEIGHT		PG				LENGTH	
		LBS	KG		316L	BL	PE	FT	M
COT J	25	0.026	0.012	S	M	M	M	10.3	3

COT J



## COT F FLEXIBLE DIVIDER



- Separates cables on sweeps and bends.
- Allows for installation of power cables and data cables within the same pathway.
- Attaches to Cablofil tray using three sets of EZ BN 1/4 and CE 25.

	HEIGHT		WEIGHT		PG	FINISH / AVAILABILITY				
	IN	MM	LBS	KG		GC	316L	BL	PE	WH
COTF54 KIT	2.0	54	1.07	0.49	S	M	M	M	M	M
COTF105 KIT	4.0	105	2.14	0.97	S	M	M	M	M	M
COTF150 KIT	6.0	150	3.21	1.46	S	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

LENGTH	
FT	M
6.0	2

# SPLICING

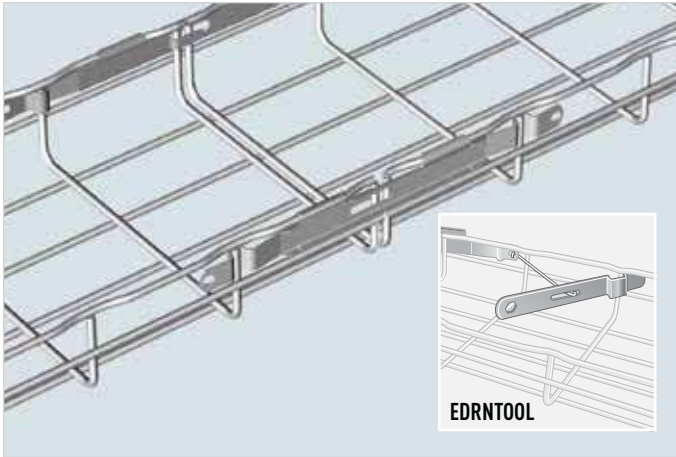


- A.17 EDRN / EDRNTOOL**  
FAST SPLICE
- A.17 SWK**  
SPLICE WASHER KIT
- A.18 RADT 90 KIT**  
5" RADIUS TEE 90° KIT
- A.18 RADT 90 12 KIT**  
12" RADIUS TEE 90° KIT
- A.19 EAC KIT**  
ELEVATION CHANGE HINGE
- A.19 EZT 90 KIT**  
90° AND TEE BEND KIT
- A.20 ED 275**  
UNIVERSAL SPLICE BAR
- A.20 CE 35**  
CLAMPING WASHER
- A.20 CE 40**  
SQUARE SPLICE WASHER
- A.21 EXPANKIT**  
EXPANSION KIT
- A.21 EDRSKIT**  
TRAY REDUCTION KIT

The Cablofil product line includes a splice for every need. Our EDRN is the fastest splice we offer saving up to half the installation time compared to bolted connections. For more information on splicing options, please go to [www.legrand.us/cablofil](http://www.legrand.us/cablofil).



## EDRN / EDNRTOOL FAST SPLICE



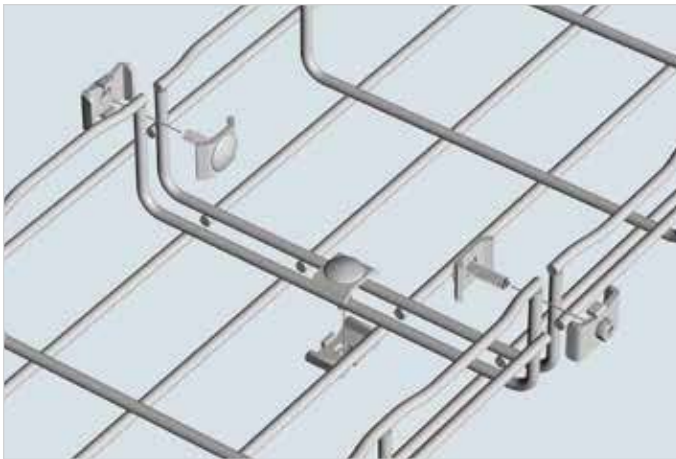
- Fastest splice available from the Cablofil product line. Saves up to half the install time compared to bolted connections.
- Special assembly tool (EDNRTOOL) is included in every bag of splices.
- UL Classified Splice.
- 7/16 hex in handle doubles as a SWK wrench.

	PKG. QTY	WEIGHT		FINISH / AVAILABILITY					
		LBS	KG	EZ	DC	316L	BL	PE	WH
EDRN	25	3.9	1.75	S	M	S	S	M	S
	50	8.8	4.0	S	M	S	S	M	S
EDNRTOOL	1	0.2	0.09				S		

S - NORMALLY STOCKED M - MADE TO ORDER

HEIGHT		LENGTH	
IN	MM	FT	M
2.0	50	10.0	3

## SWK SPLICE WASHER KIT

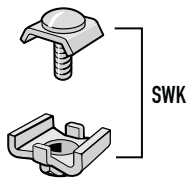


- SWK is designed with a 1/4" x 20\* threaded bolt compatible with standard US tools.
- Use SWK to splice any two sections of Cablofil tray.
- Swaged nut allows clamp to be stationary while nut is tightened.
- Consult chart below for correct number of SWK sets needed for each width of tray.
- Also use for fabricating bends, turns and tees.
- UL Classified Splice.

	PKG. QTY	WEIGHT		FINISH / AVAILABILITY			
		LBS	KG	EZ	DC	316L	BL
SWK	50	3.6	1.6	S	S	S	S

S - NORMALLY STOCKED M - MADE TO ORDER

\* Threads were previously M6



### CABLE TRAY SECTION CATALOG NUMBERING EXAMPLE:

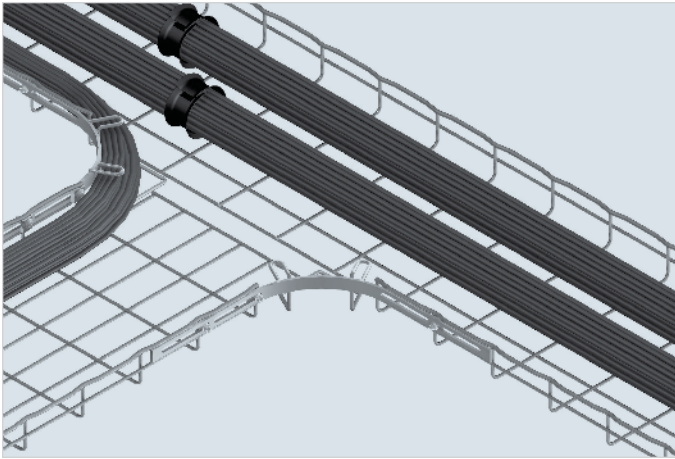
**CF 150/150 EZ** → FINISH CODE

**PRODUCT CODE**

This identifies part type and size.

- EZ** Electrozinc
- GC** Hot Dipped Galvanized
- 304L** Stainless Steel 304L
- 316L** Stainless Steel 316L
- BL** Black Painted
- PE** Custom Painted
- WH** White Painted

**RAD T 90 KIT**  
5" RADIUS TEE 90° KIT

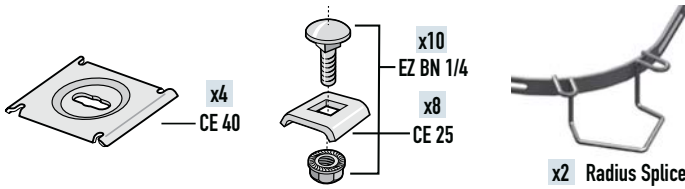


Patent Number - 7.841.566

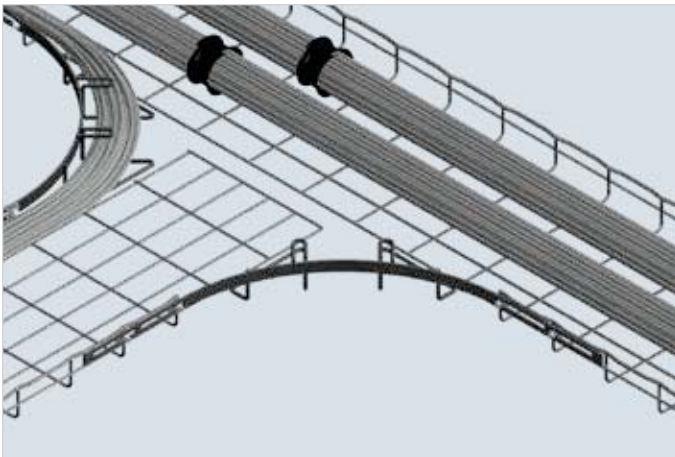
- One kit contains two Radius Splice, ten EZBN 1/4, eight CE 25 and four CE 40.
- Provides a sturdy radius tee that facilitates pulling MC or large power cables.
- Top wire loops help contain cable in tray while being pulled.
- One kit contains hardware for one tee or two 90° bends.
- UL Classified Splice.

	PKG. QTY.	HEIGHT		WEIGHT		FINISH / AVAILABILITY				
		IN	MM	LBS	KG	EZ	GC	BL	PE	WH
RAD T 90 KIT 2	1	2.0	54	2.0	0.90	S	M	M	M	M
RAD T 90 KIT 4	1	4.0	105	2.2	0.99	S	M	S	M	M
RAD T 90 KIT 6	1	6.0	150	2.4	1.08	S	M	M	M	M

\* Other painted finishes available. S - NORMALLY STOCKED M - MADE TO ORDER  
Please contact Legrand Customer Service.



**RAD T 90 12 KIT**  
12" RADIUS TEE 90° KIT

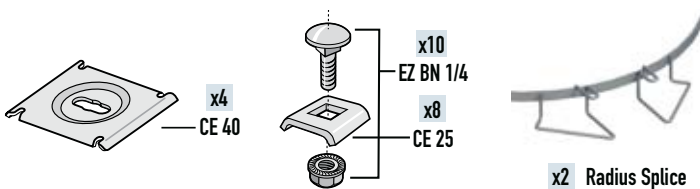


Patent Number - 7.841.566

- One kit contains two Radius T90 12 Splice, ten EZBN 1/4, eight CE 25 and four CE 40.
- Provides a sturdy radius tee that facilitates pulling MC or large power cables.
- Top wire loops help contain cable in tray while being pulled.
- One kit contains hardware for one tee or two 90° bends.
- UL Classified Splice.

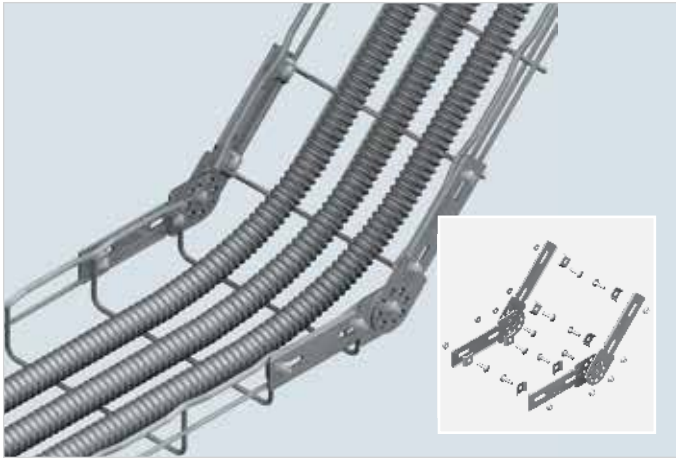
	PKG. QTY.	HEIGHT		WEIGHT		FINISH / AVAILABILITY	
		IN	MM	LBS	KG	EZ	BL
RAD T 90 12 KIT 2	1	2.0	54	3.2	1.45	S	M
RAD T 90 12 KIT 4	1	4.0	105	3.6	1.63	S	S
RAD T 90 12 KIT 6	1	6.0	150	3.8	1.72	S	M

S - NORMALLY STOCKED M - MADE TO ORDER



SPLICING

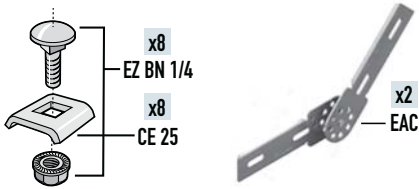
## EAC KIT ELEVATION CHANGE HINGE



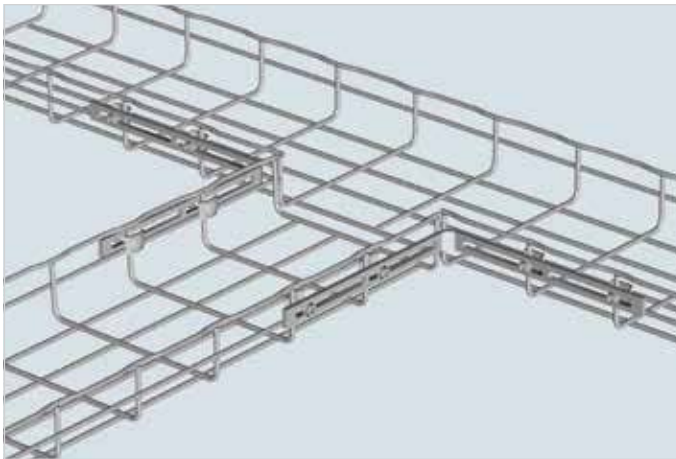
- Reinforces changes in elevation.
- Strengthens installations that support heavy power cables.
- Package contains hardware required for elevation change as shown in photo.
- Pivot hardware pre installed.
- Works with 2" through 6" depth trays.

	PKG. QTY	WEIGHT		FINISH / AVAILABILITY			
		LBS	KG	DC	BL	PE	WH
EAC KIT	1	0.36	0.16	S	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER



## EZT 90 KIT 90° AND TEE BEND KIT

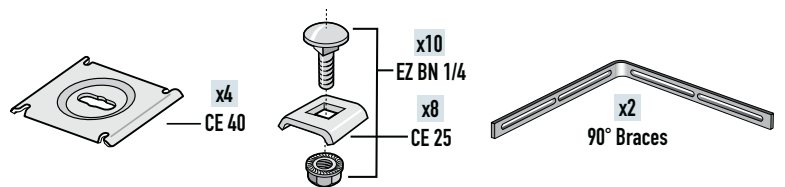
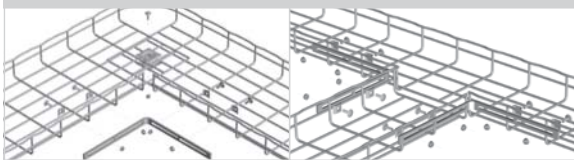


- One kit contains hardware for one tee or two 90° bends.
- Slotted Design fits any size tray and eliminates precise tray alignment.
- UL Classified Splice.

	PKG. QTY	WEIGHT		FINISH / AVAILABILITY					
		LBS	KG	EZ	GC	316L	BL	PE	WH
EZT 90 KIT	1	1.5	0.7	S	M	S	S	M	S

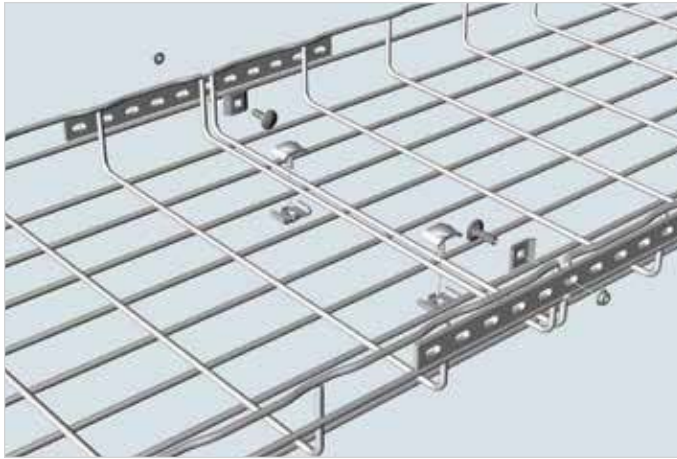
S - NORMALLY STOCKED M - MADE TO ORDER

### APPLICATIONS



SPlicing

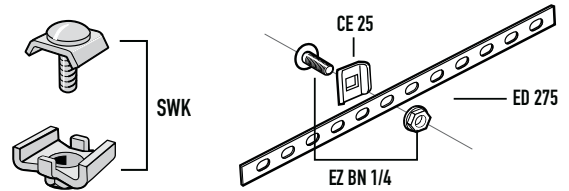
**ED 275**  
UNIVERSAL SPLICE BAR



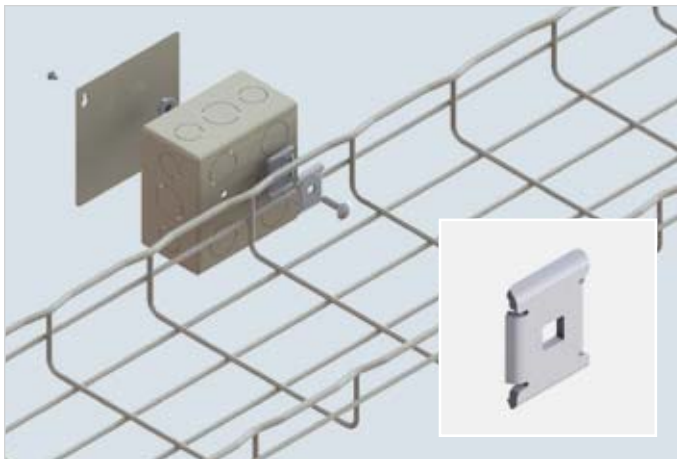
- Can be cut to fit with a bolt cutter.
- Can be bent by hand for use in tees, elbows, etc.
- EZ BN 1/4, CE 25 and SWK are sold separately. (see pg. A.55).
- UL Classified Splice.
- Slots (.22" x .28") are on .98" centers.

	PKG. QTY	WEIGHT		FINISH / AVAILABILITY					
		LBS	KG	EZ	GC	316L	BL	PE	WH
ED 275	50	14.4	6.5	S	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER



**CE 35**  
CLAMPING WASHER

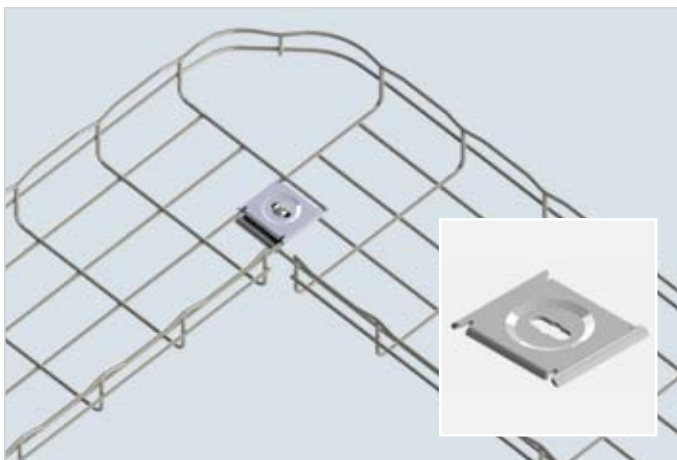


- Useful for clamping cable dropouts or other accessories to the top two side wires of Cablofil tray.
- Use with EZ BN 1/4 Bolt/Nut (sold separately – see pg. A.55).

	PKG. QTY	LENGTH		WEIGHT		FINISH / AVAILABILITY		
		IN	MM	LBS	KG	PG	DC	316L
CE 35	10	1.4	35	1.1	0.5	S	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

**CE 40**  
SQUARE SPLICE WASHER



- Use for splicing Cablofil tray on bends and adjustable turns.
- Two CE 40's and one EZ BN 1/4 are required for each connection.
- EZ BN 1/4 is sold separately. (see pg. A.55).
- UL Classified Splice.

	PKG. QTY	WEIGHT		FINISH / AVAILABILITY					
		LBS	KG	EZ	DC	316L	BL	PE	WH
CE 40	25	2.7	1.2	S	M	S	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER



## EXPANKIT EXPANSION KIT

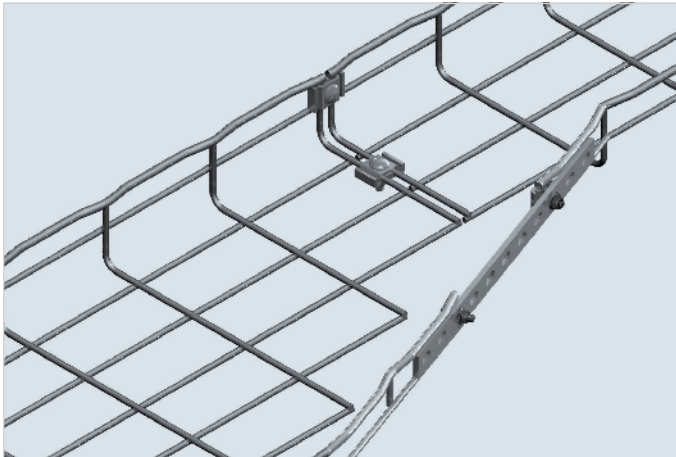


- Allows expansion between two pieces of tray
- Can be cut to fit with a bolt cutter.
- Can be bent by hand for use in tees, elbows, etc.
- Slots (.22" x .28") are on .98" centers.

	PKG. QTY	WEIGHT		FINISH / AVAILABILITY			
		LBS	KG	EZ	GC	316L	BL
EXPANKIT	1	14.4	6.5	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

## EDRSKIT TRAY REDUCTION KIT



- Each kit includes two SWK, one ED 275 (or ED 1100), two EZ BN 1/4 and two CE 25.
- ED 275 and ED 1100 can be trimmed to any length with a shear or bolt cutter if needed.

	PKG. QTY	WEIGHT		FINISH / AVAILABILITY					
		LBS	KG	EZ	GC	316L	BL	PE	WH
ED275RSKIT*	1	0.3	0.15	S	M	M	M	M	M
ED1100RSKIT†	1	1.2	0.6	M	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

\*Use on tray differences up to 8"

†Use on tray differences over 8"



### CABLE TRAY SECTION CATALOG NUMBERING EXAMPLE:

**CF 150/150 EZ** → FINISH CODE

**PRODUCT CODE**  
This identifies part type and size.

<b>EZ</b>	Electrozinc
<b>GC</b>	Hot Dipped Galvanized
<b>304L</b>	Stainless Steel 304L
<b>316L</b>	Stainless Steel 316L
<b>BL</b>	Black Painted
<b>PE</b>	Custom Painted
<b>WH</b>	White Painted

# MOUNTINGS

## WALL MOUNTS

Most wall support accessories feature our unique Fast Assembly System (FAS). This system utilizes simple one-step locking tabs that require no additional hardware to secure tray runs to its supports, reducing installation time and cost.



### WALL MOUNTS

- A.23 FAS U**  
UNIVERSAL BRACKET
- A.24 FAS L**  
BRACKET
- A.24 CRP**  
UNIVERSAL WALL BRACKET
- A.25 C 50**  
WALL MOUNT ATTACHMENT
- A.25 CAT 30/41**  
SNAP-IN WALL  
HANGER SUPPORT
- A.26 HB 2 KIT**  
WALL/FLOOR  
TERMINATION BRACKET
- A.26 FV**  
VERTICAL BRACKET
- A.27 RB112KIT**  
RACK BRACKET
- A.27 EZJB 5/16**  
J-BOLT

### CEILING MOUNTS

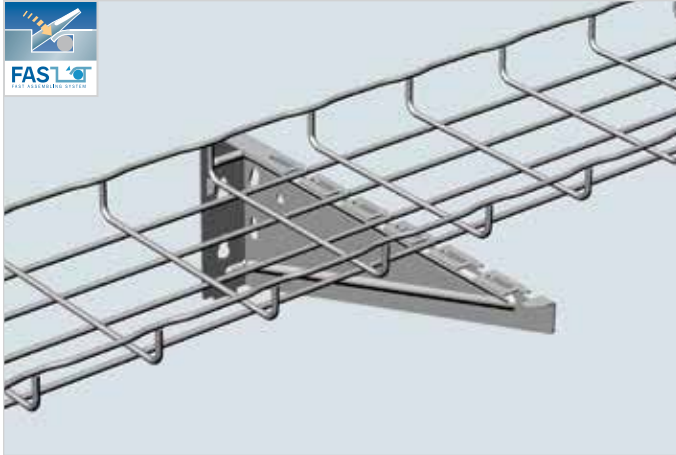
- A.29 AS**  
TRAPEZE HANGING CLIP
- A.29 FAS P**  
FAS PROFILE
- A.30 FAS PCH**  
CENTER HANGER
- A.30 FAS C**  
BRACKET
- A.31 SF 50**  
CENTER HANGER
- A.31 SF 100**  
CENTER HANGER
- A.32 SON**  
SLIP-ON LOCK NUT®

- A.32 EDF**  
RAIL
- A.33 PFREDF**  
MOUNTING BRACKET
- A.33 DF**  
ANGLE MOUNTING BRACKET
- A.33 ERD 10**  
BRACE PLATE

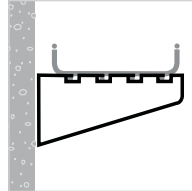
### UNDERFLOOR

- A.35 UFC550 KIT**  
UNDER FLOOR  
SUPPORT CLAMP KIT
- A.35 UFC**  
UNDER FLOOR  
SUPPORT CLAMP
- A.36 UFCN**  
UNDER FLOOR CLAMP
- A.36 UC 50**  
CABLE TRAY STANDOFF
- A.37 UFS**  
UNDER FLOOR SUPPORT
- A.37 UFS**  
UNDER FLOOR  
SUPPORT BRACKET

## FAS U UNIVERSAL BRACKET

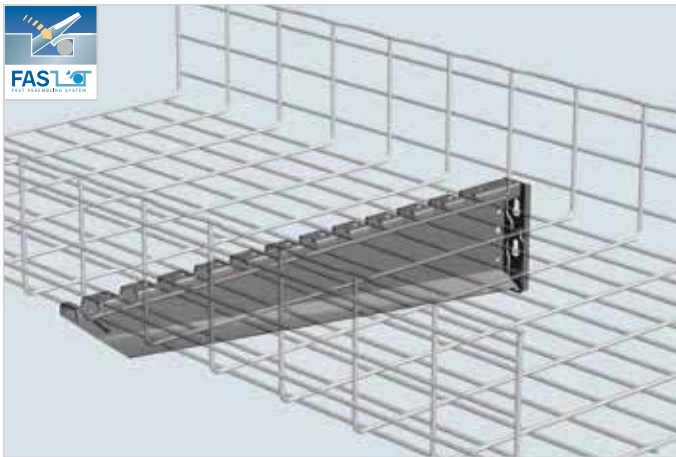


- For tray installation onto walls or channel framing.
- Patented FAS style attachment holds tray secure without nuts and bolts.

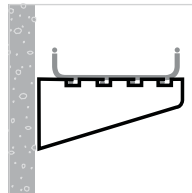


	HEIGHT		WIDTH		LENGTH		WEIGHT		PG	FINISH / AVAILABILITY				
	IN	MM	IN	MM	IN	MM	LBS	KG		GC	316L	BL	PE	WH
FASU 100	3.5	85	4.0	100	6.0	157	0.3	0.1	S	M	S	M	M	M
FASU 150	5.0	124	6.0	150	8.0	207	0.4	0.2	S	M	S	M	M	M
FASU 200	5.5	139	8.0	200	12.0	257	0.5	0.2	S	M	M	M	M	M
FASU 300	5.5	139	12.0	300	14.0	357	0.8	0.3	S	M	S	S	M	S

S - NORMALLY STOCKED M - MADE TO ORDER



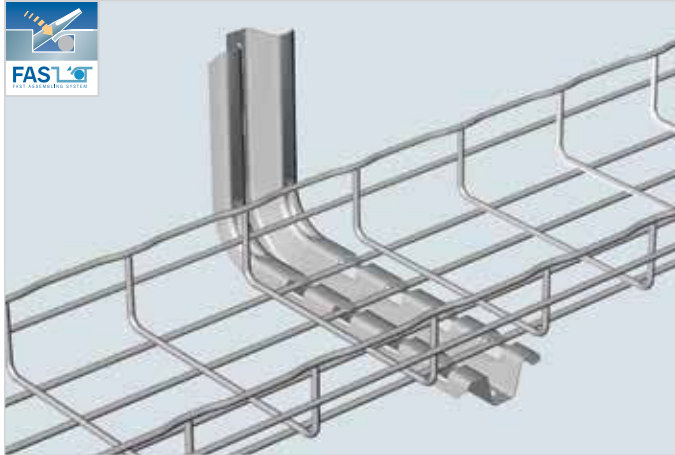
- For wider tray and heavier loads.
- Snaps directly into EDF rail.



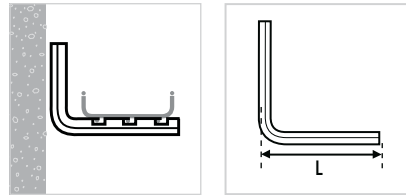
	HEIGHT		WIDTH		LENGTH		WEIGHT		PG	FINISH / AVAILABILITY				
	IN	MM	IN	MM	IN	MM	LBS	KG		GC	316L	BL	PE	WH
FASU 400	5.5	137.7	16.0	400	18.0	457	1.8	0.8	M	M	M	M	M	M
FASU 450	5.5	137.7	18.0	450	20.0	507	2.4	1.1	S	M	M	S	M	S
FASU 500	5.5	137.7	20.0	500	22.0	557	2.9	1.3	M	M	M	M	M	M
FASU 600	5.5	137.7	24.0	600	26.0	657	6.4	2.9	S	M	M	S	M	S

S - NORMALLY STOCKED M - MADE TO ORDER

**FAS L  
BRACKET**



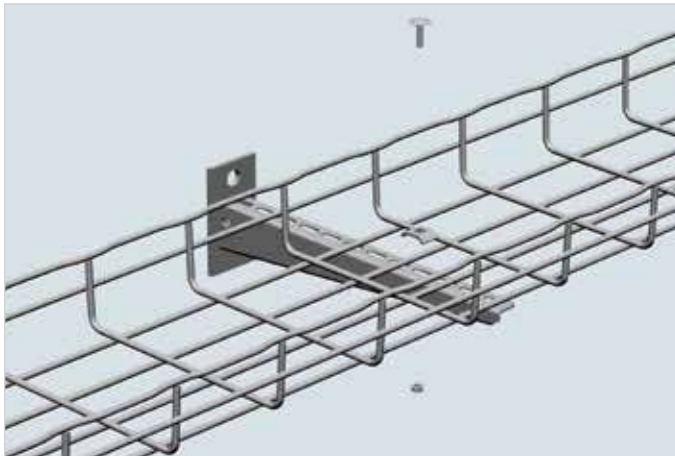
- For installation of Cablofil tray onto walls.
- Reduce installation time—patented FAS style attachment holds tray secure without nuts and bolts.
- Order “width” to match tray.



	WIDTH		LENGTH (L)		WEIGHT		PG	FINISH / AVAILABILITY				
	IN	MM	IN	MM	LBS	KG		GC	316L	BL	PE	WH
FASL 100	4.0	100	7.0	178.5	0.9	0.4	S	M	M	M	M	M
FASL 150	6.0	150	9.0	228.5	1.0	0.5	S	M	M	M	M	
FASL 200	8.0	200	11.0	278.5	1.1	0.5	S	M	M	M	M	M
FASL 300	12.0	300	14.9	378.5	1.4	0.6	S	M	M	M	M	M
FASL 450	18.0	450	20.8	528.5	2.1	1.0	S	M	M	S	M	

S - NORMALLY STOCKED M - MADE TO ORDER

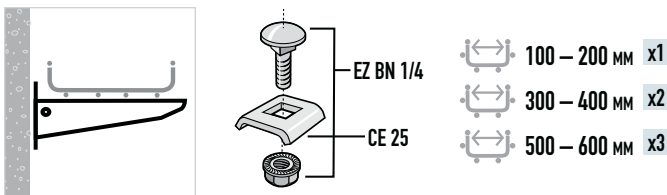
**CRP  
UNIVERSAL WALL BRACKET**



- Hot dipped galvanized after fabrication for corrosion resistance.
- CE 25 and EZ BN 1/4 are sold separately. (see pg. A.55).

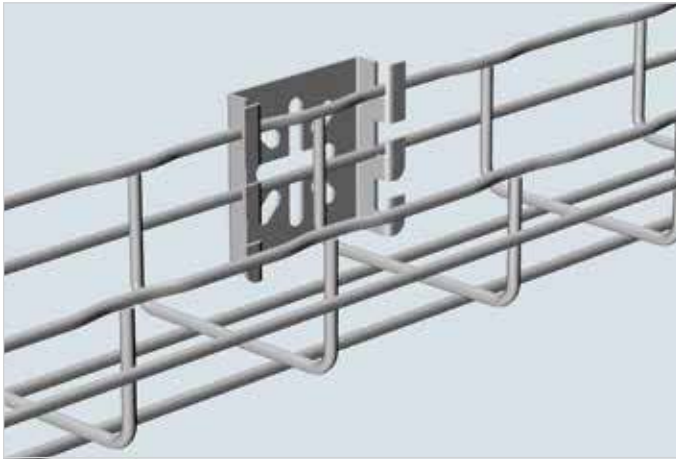
	HEIGHT		WIDTH		LENGTH		WEIGHT		FINISH / AVAILABILITY
	IN	MM	IN	MM	IN	MM	LBS	KG	GC
CRP 100	3.7	93	4.0	100	4.6	117	0.4	0.2	M
CRP 150	3.7	93	6.0	150	6.5	167	0.7	0.3	M
CRP 200	3.7	93	8.0	200	8.5	217	0.8	0.3	M
CRP 300	3.7	93	12.0	300	12.4	317	1.0	0.5	S
CRP 400	4.7	121	16.0	400	16.4	417	1.3	0.6	M
CRP 500	4.7	121	20.0	500	20.4	517	1.8	0.8	M
CRP 600	4.7	121	24.0	600	24.3	617	2.4	1.1	M

S - NORMALLY STOCKED M - MADE TO ORDER



WALL MOUNTS

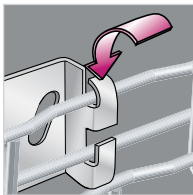
**C 50**  
WALL MOUNT ATTACHMENT



- Attaches tray up to 4" wide to walls, cabinets or machinery.
- Fold-over tabs secures tray without additional hardware.
- Slotted mounting holes make for adjustable installations.

	WEIGHT			FINISH / AVAILABILITY				
	LBS	KG	PG	GC	316L	BL	PE	WH
C50	0.2	0.1	S	S	S	M	M	M

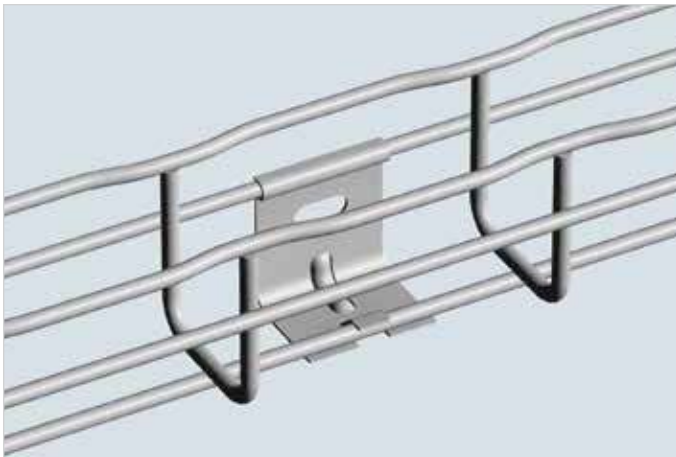
S - NORMALLY STOCKED M - MADE TO ORDER



**APPLICATIONS**

Secure tray in open front configuration.

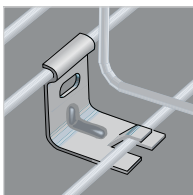
**CAT 30/41**  
SNAP-IN WALL HANGER SUPPORT



- Keeps 2" wide tray secure when attaching to supports.
- No screws required for tray attachment.
- Just snap in place.

	WEIGHT			FINISH / AVAILABILITY				
	LBS	KG	PG	GC	316L	BL	PE	WH
CAT 30/41	0.1	0.03	S	S	S	S	M	

S - NORMALLY STOCKED M - MADE TO ORDER

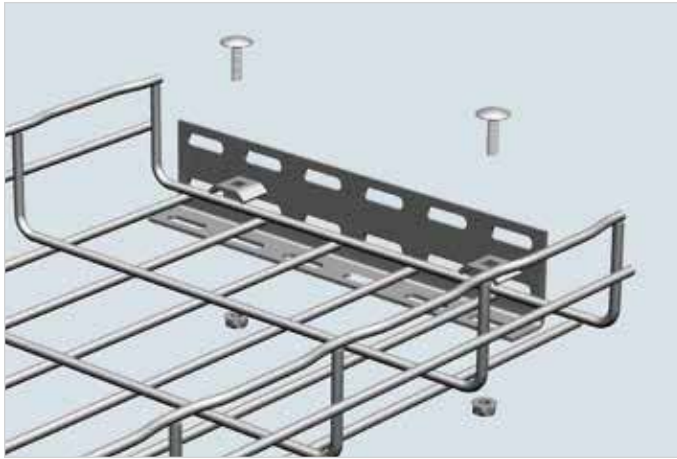


**APPLICATIONS**

CF30 CF54

CAT 30/41 can attach 2" wide tray directly to walls, cabinets or machinery.

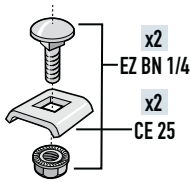
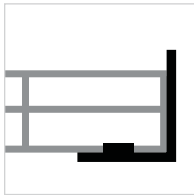
**HB 2 KIT**  
WALL/FLOOR TERMINATION BRACKET



- Wall Termination Bracket works in a variety of ways to support Cablofil tray in telecommunications closets, equipment rooms, risers, etc. on wall or floor.
- Slotted design adapts to any configuration.
- Kit contains two EZ BN 1/4 and two CE 25 with one HB2.

	LENGTH		WEIGHT		PG	FINISH / AVAILABILITY				
	IN	MM	LBS	KG		GC	316L	BL	PE	WH
HB 2 KIT	9.4	240	0.4	0.2	S	M	M	S	M	M
HB 4 KIT	9.4	240	1.1	0.5	S	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER



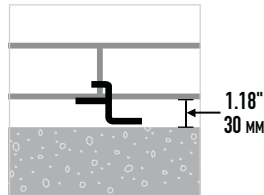
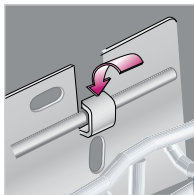
**FV**  
VERTICAL BRACKET



- Unique support keeps tray secure vertically.
- Fold-over tabs secure tray; no additional hardware needed.
- Uses 2 supports for tray widths of 18" or more.
- Use on 6" and wider tray.

	LENGTH		WEIGHT		PG	FINISH / AVAILABILITY			
	IN	MM	LBS	KG		GC	316L	BL	PE
FV 1	8.0	200	0.7	0.3	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER



WALL MOUNTS

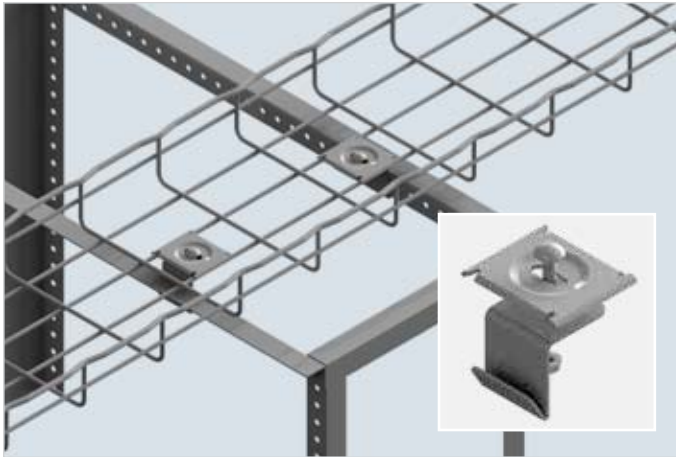
CABLE TRAY SECTION CATALOG NUMBERING EXAMPLE:

**CF 150/150 EZ** → FINISH CODE

**PRODUCT CODE**  
This identifies part type and size.

- EZ** Electrozinc
- GC** Hot Dipped Galvanized
- 304L** Stainless Steel 304L
- 316L** Stainless Steel 316L
- BL** Black Painted
- PE** Custom Painted
- WH** White Painted

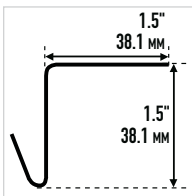
## RB112KIT RACK BRACKET



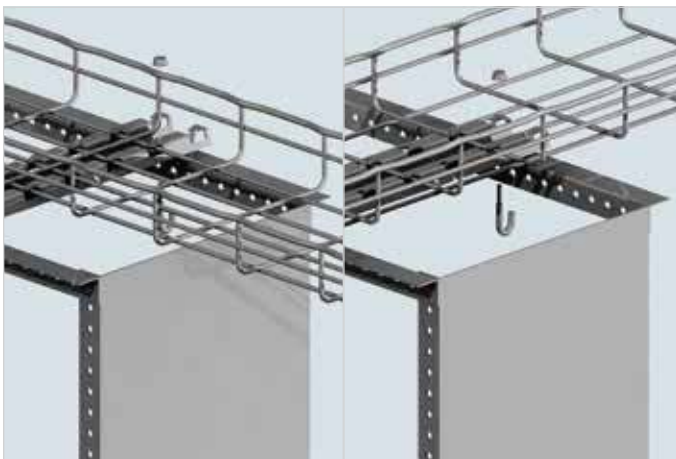
- Secures Cablofil tray to angled frame type rack tops.
- Tray can be attached parallel with the rack front.
- 10 Kits to a package.
- Works with all tray sizes.
- Each Kit includes:
  - (1) RB112 Bracket
  - (1) CE 40 washer
  - (1) EZ BN 1/4 Bolt/nut

	PKG. QTY.	WIDTH		DEPTH		WEIGHT		FINISH / AVAILABILITY	
		IN	MM	IN	MM	LBS	KG	EZ	BL
RB112KIT	10	1.5	38	1.5	38	0.35	0.16	M	M

S - NORMALLY STOCKED M - MADE TO ORDER



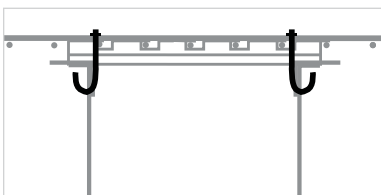
## EZJB 5/16 J-BOLT



- Use this J-Bolt in conjunction with a FAS P 200 or FAS P 300 for attachment to a 19" or 23" rack.
- No drilling needed (see drawing).
- FAS Profile sold separately.
- Nut included.

	PKG. QTY.	LENGTH		WEIGHT		FINISH / AVAILABILITY				
		IN	MM	LBS	KG	EZ	GC	316L	BL	PE
EZJB 5/16	2	2.5	64	2.0	0.91	S	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER



### CABLE TRAY SECTION CATALOG NUMBERING EXAMPLE:

**CF 150/150 EZ** → FINISH CODE

**PRODUCT CODE**  
This identifies part type and size.

<b>EZ</b>	Electrozinc
<b>GC</b>	Hot Dipped Galvanized
<b>304L</b>	Stainless Steel 304L
<b>316L</b>	Stainless Steel 316L
<b>BL</b>	Black Painted
<b>PE</b>	Custom Painted
<b>WH</b>	White Painted

# MOUNTINGS

## CEILING MOUNTS

Ceiling supports for wire mesh tray are available in three styles, direct attachment to the ceiling deck, suspended from threaded rods or pendant style supports. Many hangers feature our unique FAS system that secures wire mesh tray without additional hardware. A variety of finishes are available to compliment the tray finish.





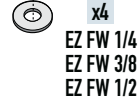
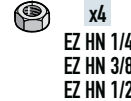
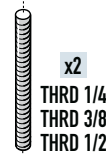
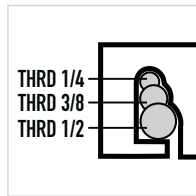
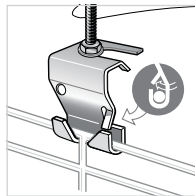
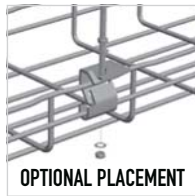
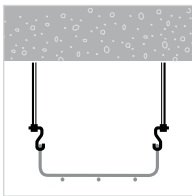
## AS TRAPEZE HANGING CLIP



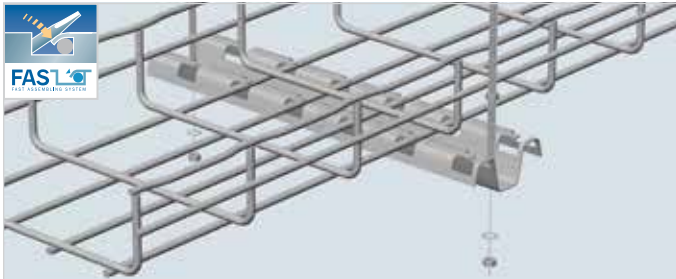
- Tray can be detached on one side to add cables.
- Use pliers to lock tabs and secure tray to threaded rod.
- Threaded rods, nuts, and washers sold separately.
- Allows threaded rod to extend past AS clip for multi-tier levels.

	PKG. QTY.	WEIGHT		PG	FINISH / AVAILABILITY				
		LBS	KG		DC	316L	BL	PE	WH
AS	50	6.6	3.0	S	M	M	S	M	S

S - NORMALLY STOCKED M - MADE TO ORDER



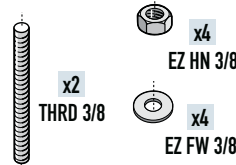
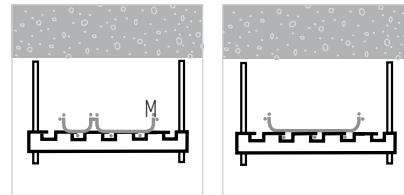
## FAS P FAS PROFILE



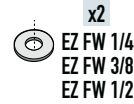
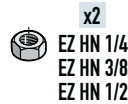
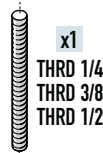
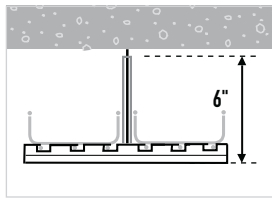
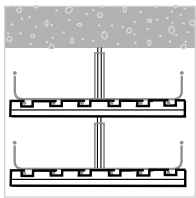
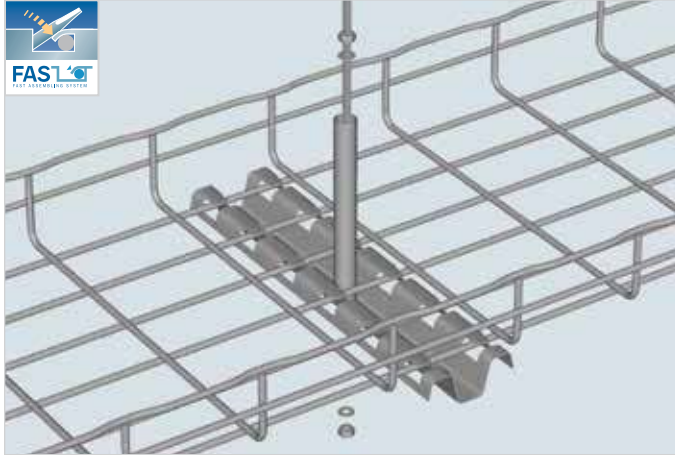
- For trapeze hung installations, use 4" longer profile than tray width. Example: for CF 54/300 tray (12") use FAS P400 (16").
- Maximum threaded rod size is 3/8". For use with larger sizes of threaded rod, bracket holes must be drilled larger.
- Patented FAS style attachment secures tray without nuts and bolts.
- Threaded rods, nuts and washers sold separately.
- Notify Customer Service when placing order.

	WIDTH		LENGTH		WEIGHT		PG	FINISH / AVAILABILITY				
	IN	MM	IN	MM	LBS	KG		GC	316L	BL	PE	WH
FASP 150	2.0	50	6.0	150	0.4	0.2	S	M	S	M	M	
FASP 200	4.0	100	8.0	200	0.7	0.3	S	M	S	M	M	M
FASP 300	Multiple		12.0	300	0.9	0.4	S	S	M	S	M	M
FASP 400	12.0	300	16.0	400	1.1	0.5	S	S	S	S	M	S
FASP 450	14.0	350	18.0	450	1.2	0.5	S	M	M	M	M	M
FASP 500	16.0	400	20.0	500	1.3	0.6	S	M	M	M	M	M
FASP 550	18.0	450	22.0	550	1.3	0.6	S	M	M	S	M	M
FASP 600	20.0	500	24.0	600	1.5	0.7	S	M	M	S	M	S
FASP 700	24.0	600	28.0	700	1.8	0.8	S	M	M	S	M	S
FASP 1000	Multiple		40.0	1000	2.6	1.2	S	M	M	M	M	M
FASP 2000	Multiple		80.0	2000	5.3	2.4	M	M	M	M	M	M
FASP 3000	Multiple		120.0	3000	7.9	3.6	S	S	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER



**FAS PCH  
CENTER HANGER**



- Only one threaded rod is needed to suspend tray.
- Suspension tube protects cables.
- 6" and 18" Center Hangers have offset suspension tube to avoid center wire.
- Threaded rod, nuts and washers sold separately.
- Balanced loading recommended.

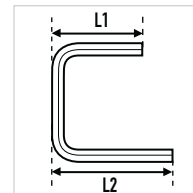
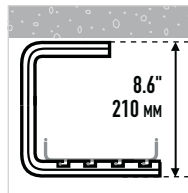
	LENGTH		WEIGHT		PG	FINISH / AVAILABILITY				
	IN	MM	LBS	KG		GC	316L	BL	PE	WH
FASPCH 150	6.0	144	0.6	0.2	S	M	M	M	M	M
FASPCH 200	8.0	194	0.7	0.3	S	M	M	M	M	M
FASPCH 300	12.0	294	0.9	0.4	S	M	M	S	M	M
FASPCH 400	16.0	394	1.1	0.5	S	M	M	M	M	M
FASPCH 450	18.0	444	1.3	0.6	S	M	M	M	M	M
FASPCH 500*	20.0	494	1.3	0.6	M	M	M	M	M	M
FASPCH 600*	24.0	594	1.5	0.7	S	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

**FAS C  
BRACKET**



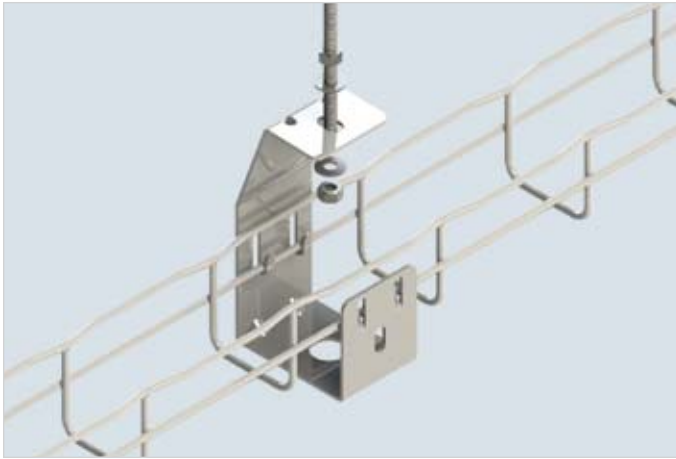
- For cable tray installation under ceilings or overhangs.
- Can be stacked for multiple levels of tray.
- Saves installation time—patented FAS style attachment holds cable tray secure without nuts and bolts.
- EZ BN 1/4 and CE 25 are sold separately. (see pg. A.55).



	WIDTH		LENGTH (L1)			LENGTH (L2)			WEIGHT		PG	FINISH / AVAILABILITY				
	IN	MM	IN	MM	IN	MM	IN	MM	LBS	KG		GC	316L	BL	PE	WH
FASC 100	4.0	100	6.7	170	7.0	178.5	1.4	0.6	S	M	M	M	M	M	M	
FASC 150	6.0	150	6.7	170	8.9	228.5	1.5	0.7	S	M	M	M	M	M	M	
FASC 200	8.0	200	6.7	170	10.9	278.5	1.7	0.8	S	M	M	M	M	M	M	
FASC 300	12.0	300	11.3	288	14.9	378.5	1.9	0.9	S	M	M	M	M	M	M	
FASC 450	18.0	450	11.3	288	20.8	528.5	2.8	1.3	S	M	-	M	M	M	M	

S - NORMALLY STOCKED M - MADE TO ORDER

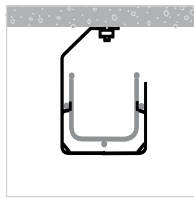
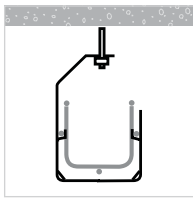
**SF 50**  
CENTER HANGER



- For center hanging 2" wide tray.
- Fold-over tabs secure tray without additional hardware.
- Threaded rod, nuts and washers sold separately.
- Optional THRD: 5/16"
- Can be attached directly to ceiling with power tools thru bottom access hole.

	WIDTH		WEIGHT		FINISH / AVAILABILITY					
	IN	MM	LBS	KG	PG	GC	316L	BL	PE	WH
SF 50	2.0	50	0.4	0.2	S	M	S	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER



x1  
THRD 1/4

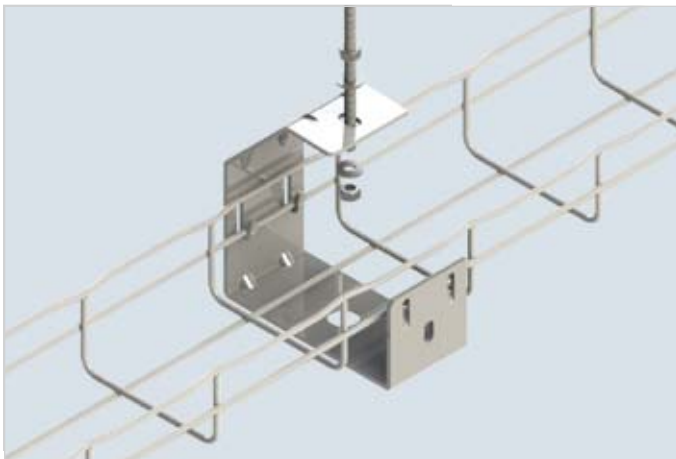


x2  
EZ HN 1/4



x2  
EZ FW 1/4

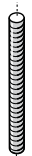
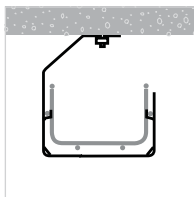
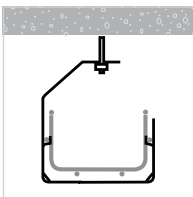
**SF 100**  
CENTER HANGER



- For center hanging 4" wide tray.
- Fold-over tabs secure tray without additional hardware.
- Threaded rod, nuts and washers sold separately.
- Optional THRD: 5/16"
- Can be attached directly to ceiling with power tools thru bottom access hole.

	WIDTH		WEIGHT		FINISH / AVAILABILITY				
	IN	MM	LBS	KG	PG	GC	316L	BL	PE
SF 100	4.0	100	0.9	0.4	S	M	S	S	M

S - NORMALLY STOCKED M - MADE TO ORDER



x1  
THRD 1/4

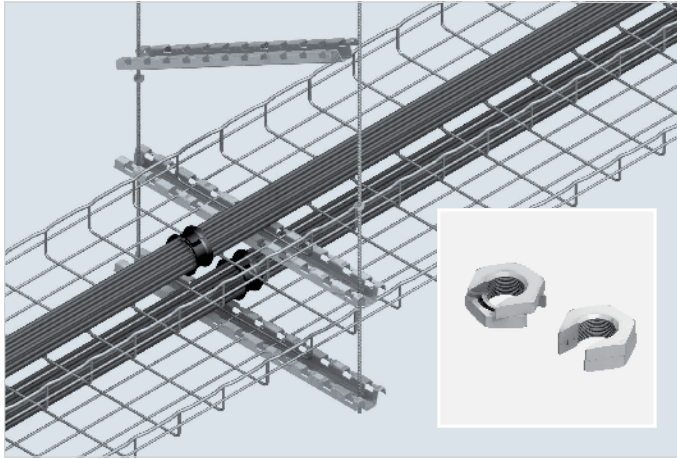


x2  
EZ HN 1/4



x2  
EZ FW 1/4

**SON**  
SLIP-ON LOCK NUT®

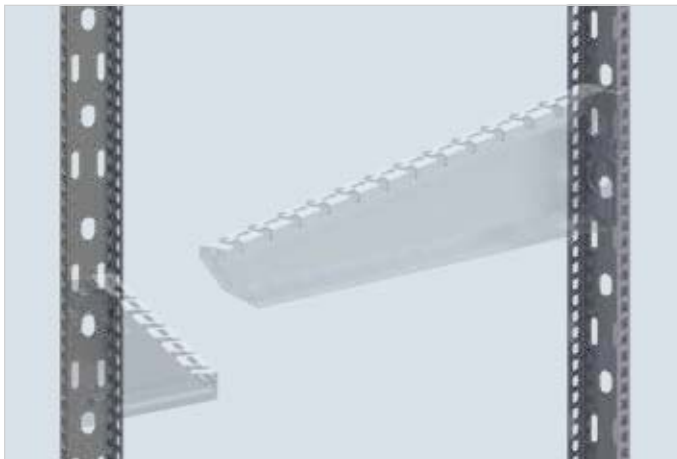


- Install additional tiers to existing trapeze hung cable pathways with ease.
- To install, place slip-on nut onto threaded rod, rotate nut halves, tighten halves to lock in place.
- FASP end slots require being "opened up" to install on threaded rod(s).

	PKG. QTY.	THREAD SIZE	FINISH / AVAILABILITY
			EZ
SON1/4	2	1/4 - 20	M
SON3/8	2	3/8 - 18	S
SON1/2	2	1/2 - 12	S
SON5/8	2	5/8 - 11	S

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**EDF**  
RAIL

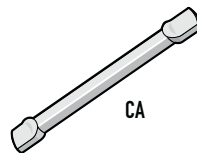
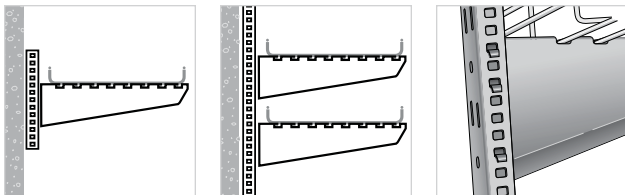


- EDF Rail makes tiered tray runs easier and faster to install.
- CA Pin (sold separately) is required to install 4" to 12" FASU. Suggested for 16" to 24" FASU.
- FASU sizes 16" to 24" will snap directly onto EDF Rail.

	LENGTH		WEIGHT		FINISH / AVAILABILITY				
	IN	MM	LBS	KG	PG	GC	316L	BL	PE
EDF 300	10.6	270	0.7	0.3	M	M	M	M	M
EDF 600	24.8	630	1.8	0.8	S	M	M	M	M
EDF 1000	39.0	990	2.6	1.2	S	M	M	M	M
EDF 2000	78.0	2000	5.5	2.5	M	M	M	M	M
EDF 3000	120.0	3000	9.1	4.1	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

CEILING MOUNTS



CA

**PFREDF**  
MOUNTING BRACKET

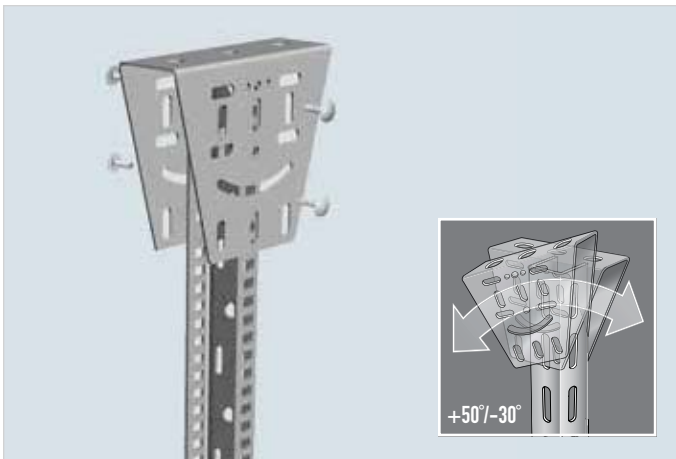


- Use PFREDF to attach EDF Rail directly to ceiling.
- EDF Rail attaches to PFREDF without additional hardware.

	WEIGHT		FINISH / AVAILABILITY			
	LBS	KG	PG	316L	BL	PE
PFREDF	1.3	0.6	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

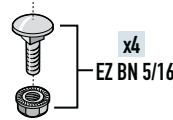
**DF**  
ANGLE MOUNTING BRACKET



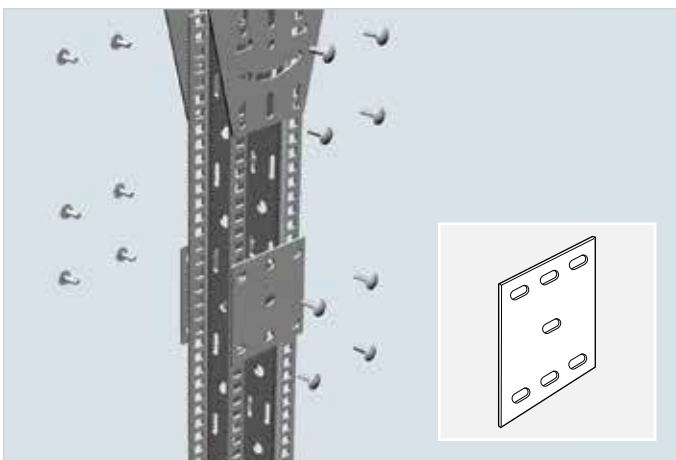
- Use DF to attach EDF Rail to any angled ceiling.
- Attach EDF Rail to DF with EZ BN 5/16 [sold separately-see pg. A.55].

	WEIGHT		FINISH / AVAILABILITY				
	LBS	KG	PG	GC	316L	BL	PE
DF	1.3	0.6	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER



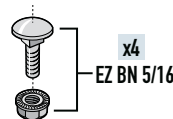
**ERD 10**  
BRACE PLATE



- Use ERD 10 to assemble double-sided ceiling hung tray runs.
- Attach EDF Rail to ERD 10 with EZ BN 5/16 [sold separately-see pg. A.55].

	WEIGHT		FINISH / AVAILABILITY			
	LBS	KG	PG	GC	BL	PE
ERD 10	0.4	0.5	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER



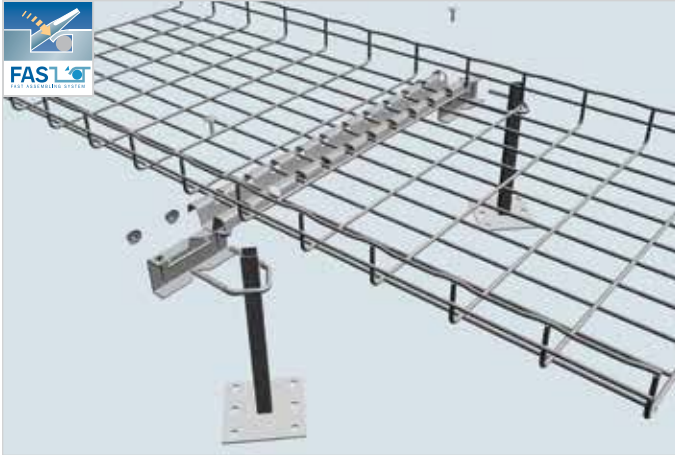
# MOUNTINGS

## UNDERFLOOR

Wire mesh tray can be installed in two ways for underfloor applications - attached to underfloor support legs or freestanding supports. All underfloor supports install easily creating a secure, well-ventilated cable pathway. Also available is our 20" width tray (A.10-A.11) that fits neatly between the supports of raised access floors.



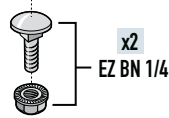
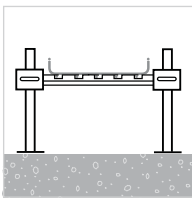
## UFC550 KIT UNDER FLOOR SUPPORT CLAMP KIT



- Creates a tray support between two floor supports for Cablofil tray runs.
- To install, clamp UFC to raised floor supports then bolt FAS P 550 to UFC clamps.
- Use patented locking tabs on FAS P 550 to secure tray without additional hardware.
- Kit contains two UFC clamps, two EZ BN 1/4 and one FAS P 550.

	PKG. QTY	WEIGHT		FINISH / AVAILABILITY			
		LBS	KG	PG	BL	PE	WH
UFC550 KIT	1	0.7	0.3	S	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER



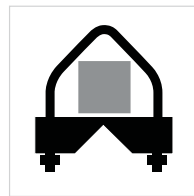
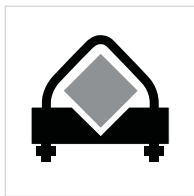
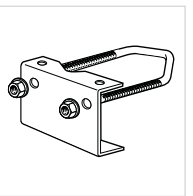
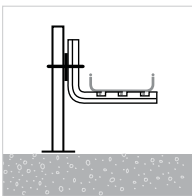
## UFC UNDER FLOOR SUPPORT CLAMP



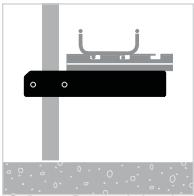
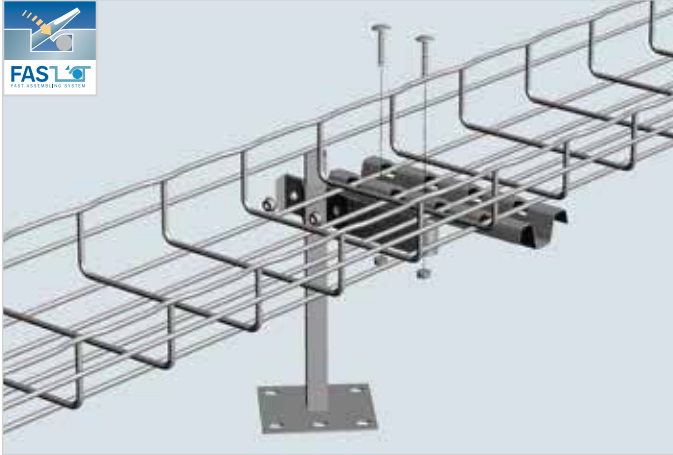
- Creates a tray support using FAS L brackets in under floor applications.
- To install, clamp FAS L Brackets to raised floor support through **one side of U-bolt ONLY**.
- UFC clamp works with round or square post profiles.
- Turn UFC support plate around if post faces are parallel with floor grid.

	LENGTH		WEIGHT		FINISH / AVAILABILITY				
	IN	MM	LBS	KG	PG	GC	BL	PE	WH
UFC	5.0	127	0.7	0.3	S	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER



**UFCN**  
UNDER FLOOR CLAMP

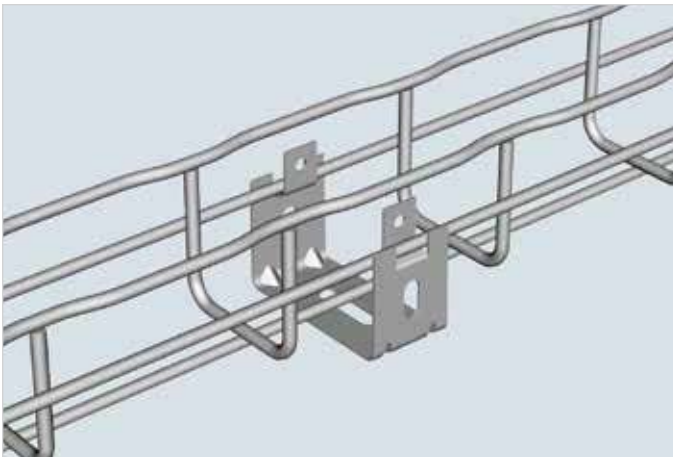


- UFCN includes clamp, pre-assembled FAS Profile, nuts and bolts.
- Clamp attaches to square or round support posts.
- FAS Profile secures tray without additional hardware.
- Adjusts to any height.

	LENGTH		WEIGHT		FINISH / AVAILABILITY				
	IN	MM	LBS	KG	PG	GC	BL	PE	WH
UFCN 150	6	150	2.5	1.0	S	M	M	M	M
UFCN 200	8	200	2.7	1.2	M	M	M	M	M
UFCN 300	12	300	3.0	1.4	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

**UC 50**  
CABLE TRAY STANDOFF

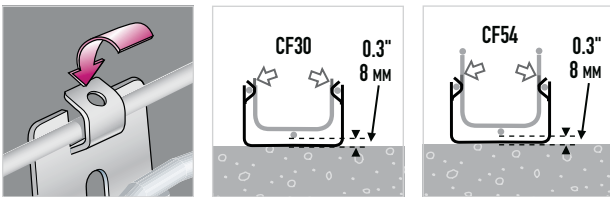


- Attaches 2" wide tray to floor and channel framing.
- Fold over tabs secure tray without fasteners.
- Stand-off height is 0.3" (8mm).

	WEIGHT		FINISH / AVAILABILITY				
	LBS	KG	PG	GC	316L	BL	PE
UC50	0.1	0.06	S	S	S	M	M

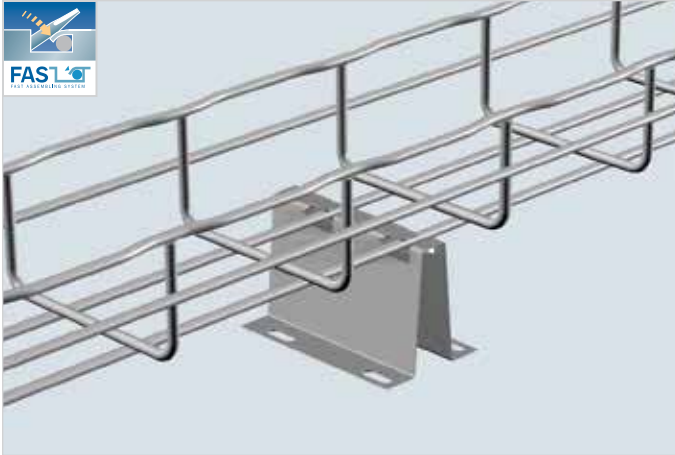
S - NORMALLY STOCKED M - MADE TO ORDER

UNDERFLOOR





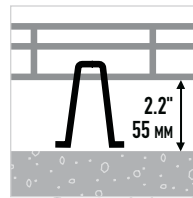
**UFS**  
UNDER FLOOR SUPPORT



- Pre-drilled mounting holes make installations easy.
- UFS can be used as a stand off support on equipment cabinets to avoid covering ventilation fans.
- Saves installation time—patented FAS style attachment holds tray secure without nuts and bolts.

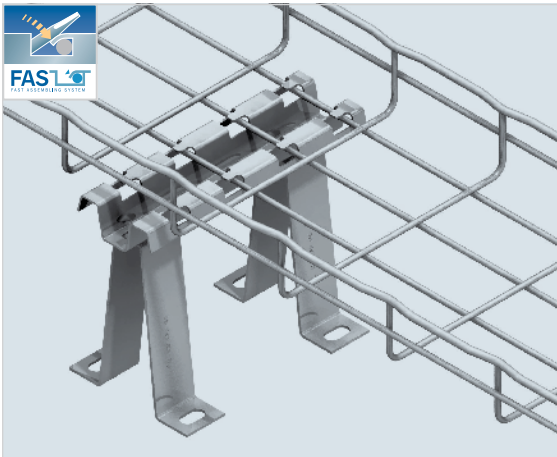
	WIDTH		LENGTH		WEIGHT		PG	FINISH / AVAILABILITY				
	IN	MM	IN	MM	LBS	KG		GC	316L	BL	PE	WH
UFS 60/100	2.4	60	4.0	100	0.2	0.1	S	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

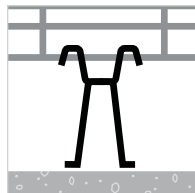


- 100 – 200 MM x1
- 300 – 450 MM x2
- 500 MM x3

**UFS**  
UNDER FLOOR SUPPORT BRACKET



- Raises cable pathway within easy reach of floor openings.
- Slotted mounting holes allow for quick attachment to floor deck.
- Installs quickly – patented FAS locking tabs require no additional hardware to secure tray.
- Supports tray independently of raised floor systems.
- UFSS - Pregalvanized Strut is available.



	HEIGHT		LENGTH		FOR TRAY SIZE		WEIGHT		FINISH / AVAILABILITY		
	IN	MM	IN	MM	IN	MM	IN	MM	PG	BL	PE
UFS 100/150	4.0	100	6.0	150	6.0	150	1.7	0.77	S	M	M
UFS 100/200	4.0	100	8.0	200	8.0	200	1.9	0.86	M	M	M
UFS 100/300	4.0	100	12.0	300	12.0	300	2.1	0.95	S	M	M
UFS 100/450	4.0	100	18.0	450	18.0	450	2.4	1.09	M	M	M
UFS 100/500	4.0	100	20.0	500	20.0	500	2.5	1.13	M	M	M
UFS 150/150	6.0	150	6.0	150	6.0	150	2.1	0.93	M	M	M
UFS 150/200	6.0	150	8.0	200	8.0	200	2.3	1.06	S	M	M
UFS 150/300	6.0	150	12.0	300	12.0	300	2.5	1.15	S	M	M
UFS 150/450	6.0	150	18.0	450	18.0	450	2.8	1.29	M	M	M
UFS 150/500	6.0	150	20.0	500	20.0	500	2.9	1.33	M	M	M
UFS 200/150	8.0	200	6.0	150	6.0	150	2.5	1.12	S	M	M
UFS 200/200	8.0	200	8.0	200	8.0	200	2.8	1.25	S	M	M
UFS 200/300	8.0	200	12.0	300	12.0	300	3.0	1.34	M	M	M
UFS 200/450	8.0	200	18.0	450	18.0	450	3.3	1.48	M	M	M
UFS 200/500	8.0	200	20.0	500	20.0	500	3.4	1.52	M	M	M
UFS 300/150	12.0	300	6.0	150	6.0	150	3.3	1.50	M	M	M
UFS 300/200	12.0	300	8.0	200	8.0	200	3.6	1.63	M	M	M
UFS 300/300	12.0	300	12.0	300	12.0	300	3.8	1.72	S	M	M
UFS 300/450	12.0	300	18.0	450	18.0	450	4.1	1.86	M	M	M
UFS 300/500	12.0	300	20.0	500	20.0	500	4.2	1.91	M	M	M

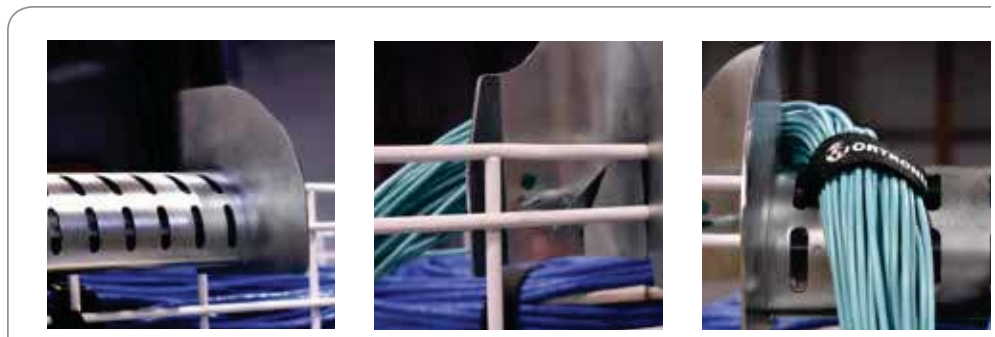
UNDERFLOOR

# DROP OUTS

- A.39 CABLEXIT**  
CABLE EXIT
- A.39 DROP OUT KIT**  
CABLE DROP OUT KIT
- A.40 OTDO**  
OVER-THE-TOP WATERFALL
- A.40 OTDOFAS**  
OVER-THE-TOP DROP OUT
- A.41 CABLEXIT50**  
CABLE EXIT
- A.41 UDO**  
CABLE EXIT



The Cablofil product line from Legrand features specific use dropouts for copper and fiber optic cabling. All dropouts are specifically designed for Cablofil tray and easy to attach in thru-tray or over-the-side options.



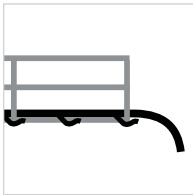
## CABLEXIT CABLE EXIT



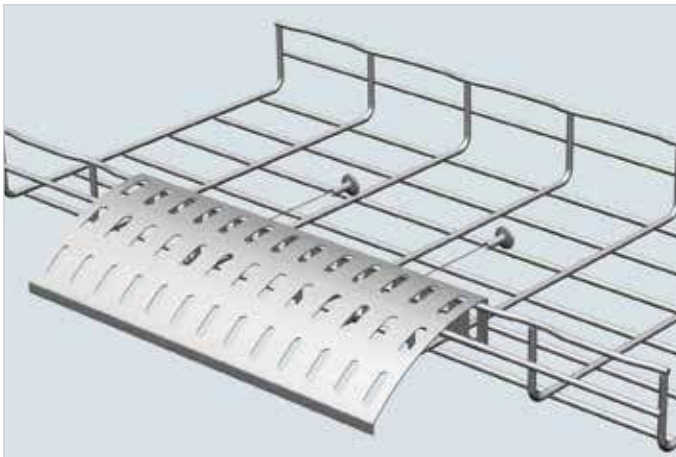
- Protects cables when exiting and entering tray.
- Snap in mounting tabs eliminate the need for attachment hardware and speeds install time.

	WEIGHT		FINISH / AVAILABILITY						
	LBS	KG	PG	GC	DC	316L	BL	PE	WH
CABLEXIT100	0.2	0.1	S	M	M	S	S	M	S

S - NORMALLY STOCKED M - MADE TO ORDER



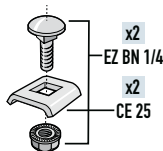
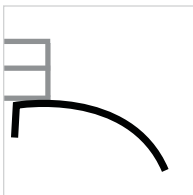
## DROP OUT KIT CABLE DROP OUT KIT



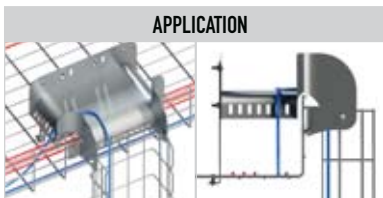
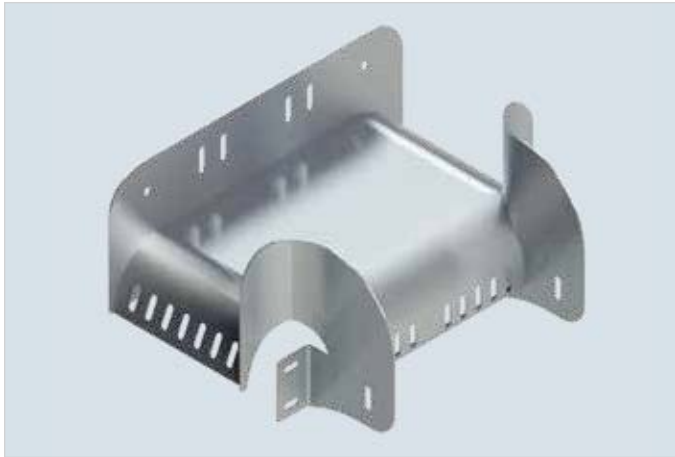
- Protects cables when exiting and entering tray. Slotted design allows for cable tie or velcro tiewrap cable attachment.
- 7" radius bend eases strain on cables.
- Kit contains two EZ BN 1/4 and two CE 25 with one DROP OUT.

	LENGTH		WEIGHT		FINISH / AVAILABILITY					
	IN	MM	LBS	KG	PG	GC	316L	BL	PE	WH
DROP OUT KIT	12.25	311	0.9	0.4	S	M	M	S	M	S

S - NORMALLY STOCKED M - MADE TO ORDER



**OTDO**  
OVER-THE-TOP WATERFALL

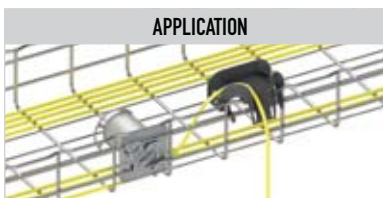


- Recommended for larger bundles of fiber-optic cabling dropouts
- Allows cable to exit side of cable pathway without cutting tray wires
- Metal construction available in Electrozinc and Black powder coated finishes
- Available in four sizes
- Kit includes one OTDO and all necessary mounting hardware
- Fits series 54, 105 and 150 Cablofil cable management
- Patent pending

	OPENING 1		OPENING 2		WEIGHT		FINISH / AVAILABILITY	
	IN	MM	IN	MM	LBS	KG	EZ	BL
OTD044	4	100	4	100	4.02	1.82	M	M
OTD046	4	100	6	150	4.72	2.14	M	M
OTD068	6	150	8	200	5.34	2.42	M	S
OTD0810	8	200	10	250	6.12	2.77	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

**OTDOFAS**  
OVER-THE-TOP DROP OUT



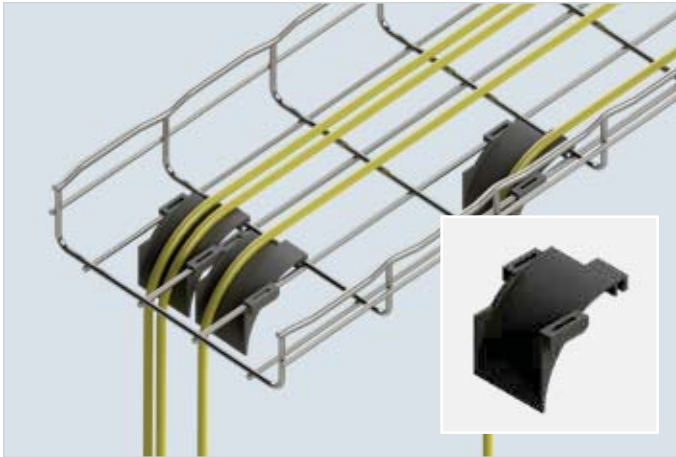
- Smooth, curved design keeps eliminates sharp bends for fiber-optic cabling
- Durable polycarbonate material
- Use built-in hold down slots for securing cables
- Snaps in place without additional hardware
- Allows cable to exit side of cable pathway without cutting tray wires
- Fits CF54/200-600 trays and CF105/150-600 trays
- Patent pending

	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY
		LBS	KG	PL*
OTDOFAS	1	.066	.029	M

S - NORMALLY STOCKED M - MADE TO ORDER

\*PL = Plastic

## CABLEXIT50 CABLE EXIT



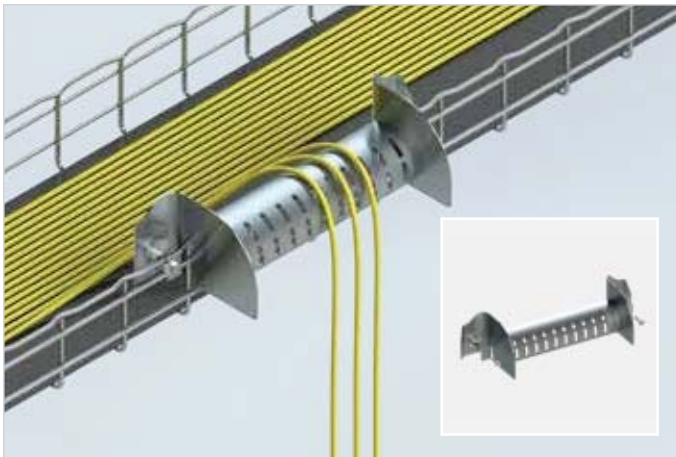
- Recommended for electrical, telecommunication and fiber-optic cabling
- Keeps cables from deforming when entering and exiting tray
- Plastic construction is durable and corrosion resistant
- Snaps into place without attachment hardware
- CABLEXIT can be installed in a continuous row without modification
- Fits any Cablofil cable management tray
- UL 94VO Rated

	PKG. QTY	WIDTH		LENGTH		WEIGHT		FINISH / AVAILABILITY
		IN	MM	IN	MM	LBS	KG	PL*
CABLEXIT50	1	2	50	4	100	.024	.010	S

\*PL = Plastic

S - NORMALLY STOCKED M - MADE TO ORDER

## UDO CABLE EXIT



- Ideal dropout for copper, fiber optic or PoE cabling
- Available in 8", 12", 18" and 24" wide versions
- 2" tall side rails keep cables within pathway
- The 1200 bend ensures a smooth transition for cables
- Slot design allows for simple installation – all mounting hardware included
- Mounts without cutting or modifying tray
- Use tie down slots to secure cables exiting and entering the tray

	WIDTH		WEIGHT		FINISH / AVAILABILITY			
	IN	MM	LBS	KG	EZ	BL	PE	WH
UD08	8	200	1.90	0.86	S	M	M	M
UD012	12	300	2.31	1.04	S	S	M	M
UD018	18	450	3.12	1.41	S	S	M	M
UD024	24	600	3.72	1.68	S	S	M	M

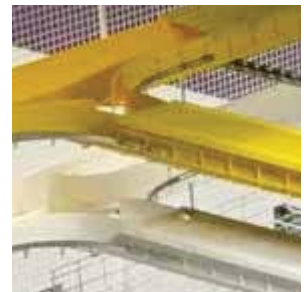
S - NORMALLY STOCKED M - MADE TO ORDER

# INSERTS

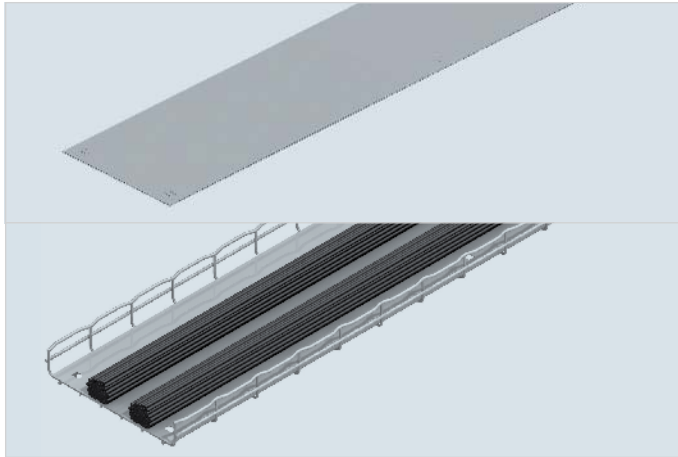
- A.43 INSERT**  
TRAY INSERT
- A.43 INSERTPP**  
PLASTIC INSERTS
- A.44 EZT90RS**  
90° RADIUS SHIELDS
- A.44 RADT90RS**  
90° RADIUS SHIELDS
- A.45 HTB**  
HORIZONTAL TEE BRIDGE
- A.45 HXB**  
HORIZONTAL CROSS BRIDGE
- A.45 RHXB**  
REDUCING HORIZONTAL  
CROSS BRIDGE



Smooth cable pathways are essential for fiber optic cabling. Now Legrand has expanded their line of Cablofil tray inserts, radius shields and bridges. The results are a highly functional and visually pleasing cable tray installation that can be updated and expanded with ease.



## INSERT TRAY INSERT



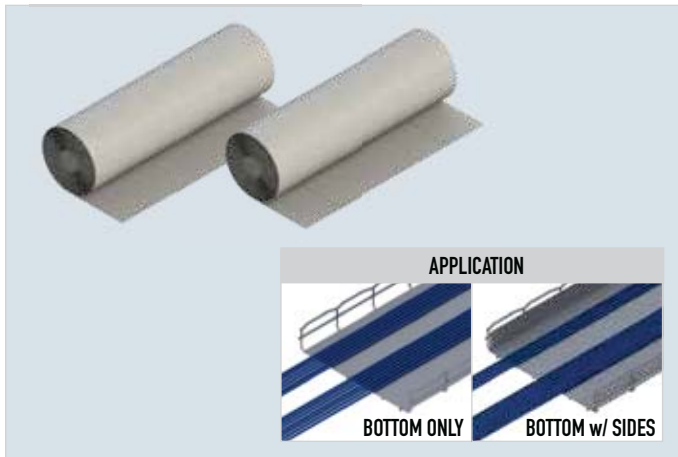
- Metal tray insert.
- Use Tray Insert to protect cables in underside of tray.
- Bend over tabs to secure insert to tray.
- 2-5' tray inserts are included in each package to cover one 10' section of tray

LENGTH	
IN	M
58.75	1.5

	PKG. QTY.	WIDTH		WEIGHT		FINISH / AVAILABILITY				
		IN	MM	LBS	KG	PG	GC	BL	PE	WH
Insert 100	2	3.39	86	2.5	1.1	M	M	M	M	M
Insert 150	2	5.39	137	4.47	2.0	M	M	M	M	M
Insert 200	2	7.36	187	5.0	2.3	M	M	M	M	M
Insert 300	2	11.34	288	8.6	3.9	S	M	S	M	M
Insert 450	2	17.36	441	12.5	5.7	S	M	M	M	M
Insert 500	2	19.33	491	13.75	6.2	M	M	M	M	M
Insert 600	2	23.39	594	15.0	6.8	M	M	M	M	M
Insert 900	2	35.20	894	52.5	23.8	M	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

## INSERTPP PLASTIC INSERTS



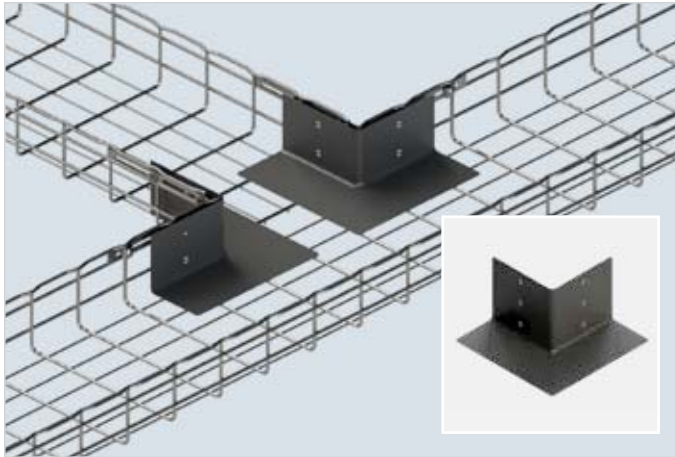
- 17 mil thickness creates a smooth cable pathway in Cablofil cable management
- Bottom only insert fits 100 to 600 wide tray
- Bottom with sides insert fits CF54, CF105 and CF150 tray in widths from 100 to 600
- Bottom with sides insert is perforated to easily form sides
- Flame Class per UL 94 V-0
- RoHS Compliant
- UV Retardant

	TRAY WIDTH		HEIGHT		LENGTH		WEIGHT		FINISH / AVAILABILITY		
	IN	MM	IN	MM	FT	M	LBS	KG	BL	WH	YL
<b>BOTTOM ONLY</b>											
INSERTPP100	4	100	-	-	200	60	7.1	3.22	M	M	M
INSERTPP150	6	150	-	-	200	60	10.8	4.9	M	M	M
INSERTPP200	8	200	-	-	200	60	14.5	6.58	M	M	M
INSERTPP300	12	300	-	-	200	60	21.1	9.57	M	M	M
INSERTPP450	18	450	-	-	200	60	33	14.96	M	M	M
INSERTPP500	20	500	-	-	200	60	36.7	16.64	M	M	M
INSERTPP600	24	600	-	-	200	60	44.1	20	M	M	M
<b>BOTTOM w/ SIDES</b>											
INSERTPP54/100	4	100	2	54	200	60	10.8	4.77	M	M	M
INSERTPP54/150	6	150	2	54	200	60	13.2	5.97	M	M	M
INSERTPP54/200	8	200	2	54	200	60	18.3	8.25	M	M	M
INSERTPP54/300	12	300	2	54	200	60	24.4	11.02	M	M	M
INSERTPP105/100	4	100	4	105	200	60	15.73	7.14	M	M	M
INSERTPP105/150	6	150	4	105	200	60	18.4	8.34	M	M	M
INSERTPP105/200	8	200	4	105	200	60	21.04	9.54	M	M	M
INSERTPP105/300	12	300	4	105	200	60	26.3	11.95	M	M	M
INSERTPP105/450	18	450	4	105	200	60	42.4	19.25	M	M	M
INSERTPP105/500	20	500	4	105	200	60	39.8	18.05	M	M	M
INSERTPP105/600	24	600	4	105	200	60	50.38	22.85	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

INSERTS

**EZT90RS**  
90° RADIUS SHIELDS



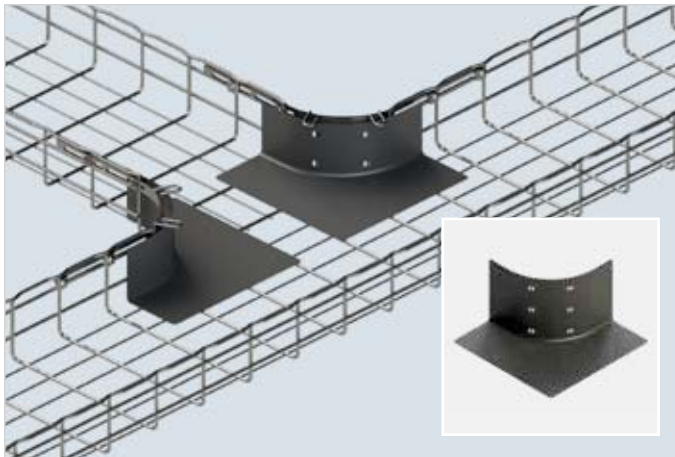
- Use in conjunction with EZT 90 KIT
- Protects cable from rough edges at cable pathway junctions
- Slotted, ABS design installs with zip ties (included)
- One size fits CF54, CF105 and CF150 tray heights – just trim to fit
- Sold in pairs

	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY
		LBS	KG	PL*
EZT90RS	1	.208	.094	M

S - NORMALLY STOCKED M - MADE TO ORDER

\*PL = Plastic

**RADT90RS**  
90° RADIUS SHIELDS



- Use in conjunction with RADT 90 KIT
- Protects cable from rough edges at cable pathway junctions
- Slotted, ABS design installs with zip ties (included)
- One size fits CF54, CF105 and CF150 tray heights – just trim to fit
- Sold in pairs

	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY
		LBS	KG	PL*
RADT90RS	1	.197	.089	M

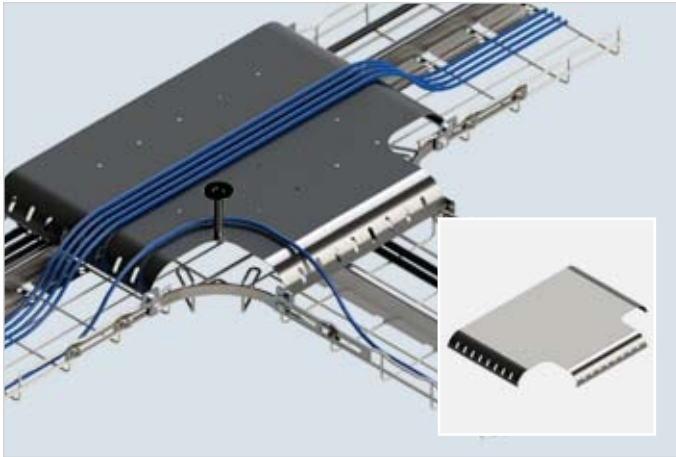
S - NORMALLY STOCKED M - MADE TO ORDER

\*PL = Plastic



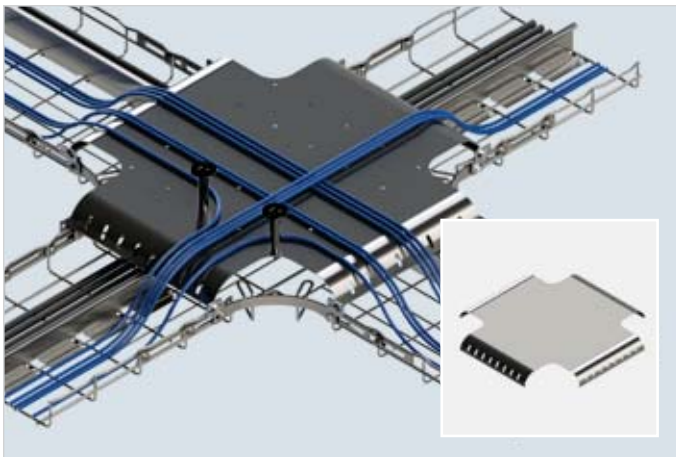


## HTB HORIZONTAL TEE BRIDGE



- Keeps cabling separated in horizontal tray crossings
- Durable steel construction with Pre-galvanized and Black powder coated finishes
- Mounts to tray with included BC1 Bridge Clip and self-tapping screws
- Use cable ties in slotted holes to secure cables
- All mounting holes are pre-drilled
- Use on CF54, CF105 and CF150 tray
- Patent pending
- HXB Fits 12" (300 mm) tray widths
- RHXB Fits tray intersections of 24" (600 mm) and 18" (450 mm) tray widths
- HTB Fits 12" (300 mm) tray widths
- HTB Available in a reducing option
- Contact manufacturer for other sizes

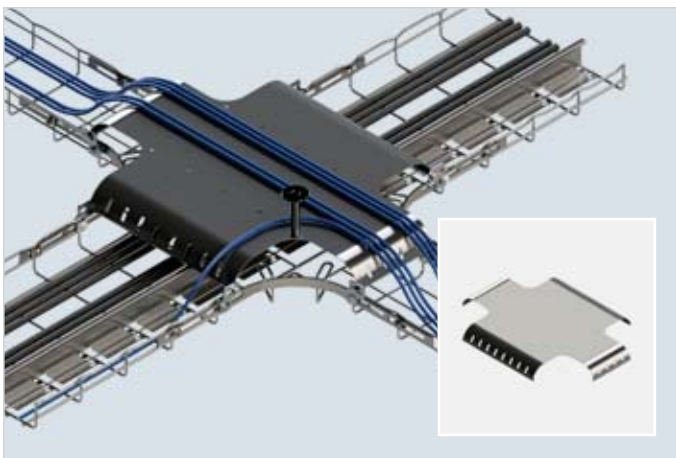
## HXB HORIZONTAL CROSS BRIDGE



	TRAY WIDTH		TRAY WIDTH 2		WEIGHT		FINISH / AVAILABILITY		
	IN	MM	IN	MM	LBS	KG	PG	EZ	BL
HTB300	12	300	12	300	7.23	3.27		M	M
HTB450	18	450	18	450	13.08	5.93		M	M
HXB300	12	300	12	300	8.74	3.96		M	M
HXB600EX	24	600	24	600	10.08	7.23		M	M
RHXB600-450	24	600	18	450	14.21	6.44	M		M

S - NORMALLY STOCKED M - MADE TO ORDER

## RHXB REDUCING HORIZONTAL CROSS BRIDGE



## BH75KIT - BRIDGE HORN KIT



- Mounts to any bridge with predrilled holes
- Keeps cables from leaving the cable pathway.
- Available in black plastic

	WEIGHT		FINISH / AVAILABILITY
	LBS	KG	BL
BH75KIT	0.22	0.10	M

# ACCESSORIES

- A.47 GNSB**  
GROUNDING LUG
- A.47 GNDCL**  
GROUNDING LUG
- A.48 C50CC**  
CONDUIT CLAMP KIT
- A.48 CC KIT**  
CONDUIT CLAMP KIT
- A.49 CE40CC / CH**  
CONDUIT ATTACHMENT FITTINGS/  
CONDUIT CLAMP KIT
- A.49 YCKIT**  
YOKE CLAMP KIT
- A.50 CM50I**  
INDUSTRIAL BOX  
MOUNTING BRACKET
- A.50 TC4KIT/TC5KIT**  
TWIST-ON METALLIC  
JUNCTION BOXES
- A.51 C 50**  
ELECTRICAL BOX SUPPORT
- A.51 SBDA**  
CONDUIT AND BOX SUPPORT
- A.52 AB225 KIT**  
ANGLE BRACKET
- A.52 TOH**  
FIBER-OPTIC TWIST-ON HORN
- A.53 FS 41**  
FASTRUT CONNECTOR
- A.53 WMC2LA**  
WIRE MESH CABLE  
TRAY-TO-LADDER CLAMP

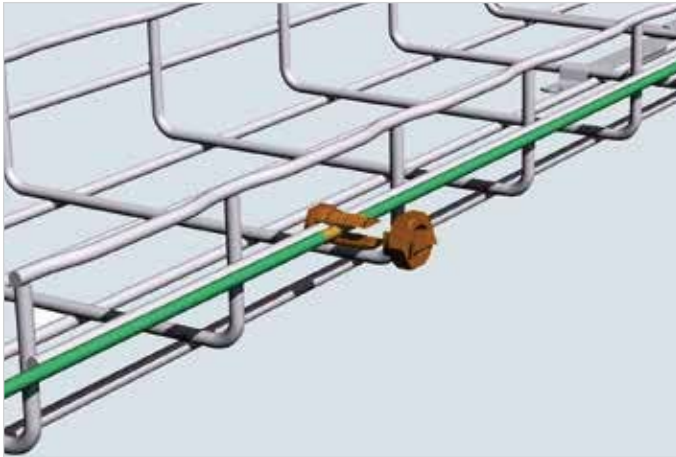


- A.54 EZVC**  
VELCRO ROLL
- A.54 CLIP**  
CABLE LABEL CLIP
- A.55 FAS ROLLER**  
CABLE GUIDE
- A.55 ED 1100**
- A.55 EZ BN 1/4**  
**EZ BN 5/16**
- A.55 CE25**

Accessories in the Cablofil product line allow installers to connect with other cabling structures like conduit, racks electrical boxes and ladder tray. Every product makes connections easy and fast to keep productivity up on every project.



## GNDSB GROUNDING LUG



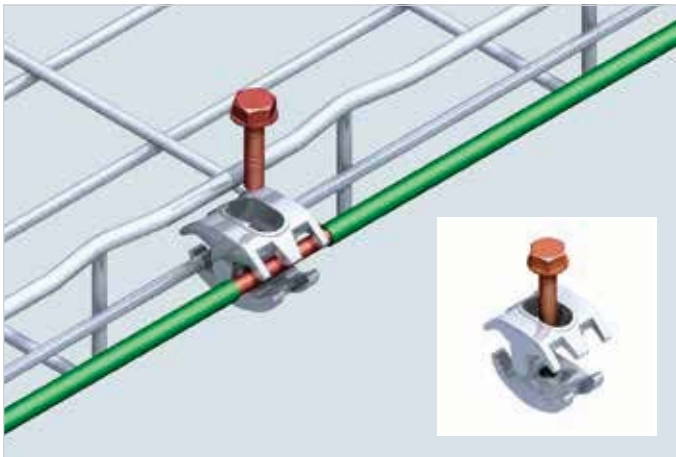
- Accommodates AWG 3-14 grounding wires.
- Use one GNDSB every 60' and/or at the end of each tray run. If tray is used as an Equipment Grounding Conductor, use one on each section of tray for a code compliant installation.
- Works with any size Cablofil tray.
- UL Listed, CSA Approved.

	WEIGHT		FINISH / AVAILABILITY
	LBS	KG	CU*
<b>GNDSB</b>	<b>0.07</b>	<b>0.03</b>	<b>S</b>

**S** - NORMALLY STOCKED **M** - MADE TO ORDER

\*CU = Copper

## GNDCLE GROUNDING LUG



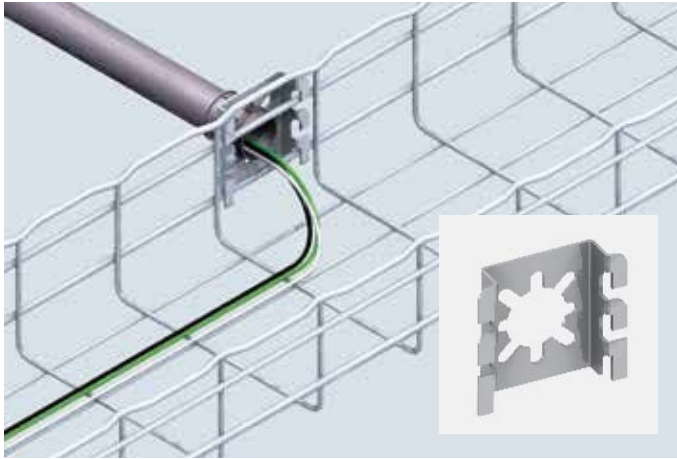
- Accommodates AWG 1/0 - #6 grounding wires.
- Use one GNDCLE every 60' and/or at the end of each tray run. If tray is used as an Equipment Grounding Conductor, use one on each section of tray for a code compliant installation.
- Works with any size Cablofil tray.
- UL Listed, CSA approved.
- Tin-plated

	WEIGHT		FINISH / AVAILABILITY
	LBS	KG	CU*
<b>GNDCLE</b>	<b>0.2</b>	<b>0.1</b>	<b>S</b>

**S** - NORMALLY STOCKED **M** - MADE TO ORDER

\*CU = Copper

**C50CC**  
CONDUIT CLAMP KIT

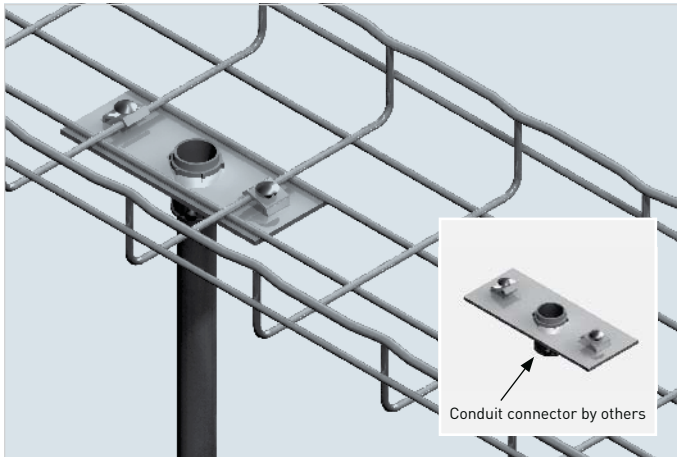


- Secures 1/2" to 1-1/2" conduit to any size Cablofil tray.
- Installs quickly – patented FAS locking tabs require no additional hardware to secure to tray.
- Attach conduit to C50CC after attachment to tray with conduit connector (not included).
- Other finishes available upon request.

	PKG. QTY.	WIDTH		CONDUIT DIAMETER		WEIGHT		FINISH / AVAILABILITY
		IN	MM	IN	MM	LBS	KG	
C50CC12	1	0.82	20.8	0.5	12.7	0.21	0.10	S
C50CC34	1	1.04	26.4	0.75	19.0	0.21	0.10	S
C50CC1	1	1.29	32.8	1.0	25.4	0.20	0.09	S
C50CC114	1	1.64	41.6	1.25	31.7	0.20	0.09	S
C50CC112	1	1.88	47.2	1.5	38.1	0.20	0.09	M

S - NORMALLY STOCKED M - MADE TO ORDER

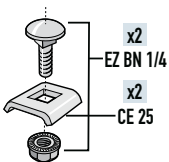
**CC KIT**  
CONDUIT CLAMP KIT



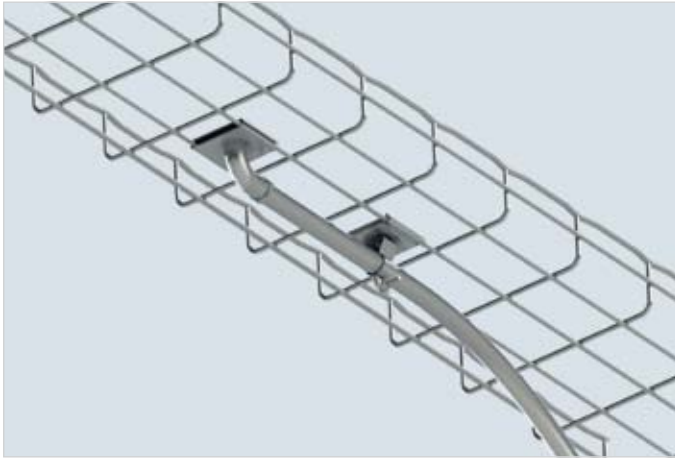
- Allows for easy connection to cable drops in EMT with conduit connector (not included).
- Attaches 1/2" to 4" conduit to any size Cablofil tray.
- Kit includes: one connector plate, two CE 25 washers and two EZ BN 1/4 Bolt/Nut.
- Remove one longitudinal wire (between adjacent cross wires of WMCT) on CCKITs 112 and larger where necessary on WMCT to accommodate conduit fittings clearance.
- Other finishes available upon request.

	OPENING 1		WEIGHT		LOAD RATING		FINISH / AVAILABILITY
	IN	MM	LBS	KG	LBS	KG	
CC12KIT	0.5	12.7	0.55	0.25	150.0	68.0	M
CC34KIT	0.75	19.0	0.55	0.25	150.0	68.0	S
CC1KIT	1.0	25.4	0.54	0.25	190.0	86.2	M
CC114KIT	1.25	31.7	0.53	0.24	225.0	102.1	M
CC112KIT	1.5	38.1	0.52	0.24	250.0	113.4	M
CC2KIT	2.0	50.8	0.51	0.23	300.0	136.1	M
CC212KIT	2.5	63.5	0.75	0.34	375.0	170.1	M
CC3KIT	3.0	76.0	0.75	0.34	500.0	226.8	M
CC312KIT	3.5	88.9	0.89	0.40	600.0	272.6	M
CC4KIT	4.0	101.0	1.0	0.47	700.0	317.5	M

S - NORMALLY STOCKED M - MADE TO ORDER



## CE40CC / CH CONDUIT ATTACHMENT FITTINGS / CONDUIT CLAMP KIT



- Secures conduit to Cablofil tray.
- For Bottom Mounting – works with all Cablofil tray. For Side Mounting – works only with CF 105 and CF 150 tray series.
- CE 40 CC attaches 1/2” to 1-1/4” conduit diameters.
- CH Kit secures 1/2” to 4” conduit diameters.
- CH Kit includes: two CE 40 washers, one EZ BN 1/4 and one Conduit Hanger.
- Other finishes available upon request.



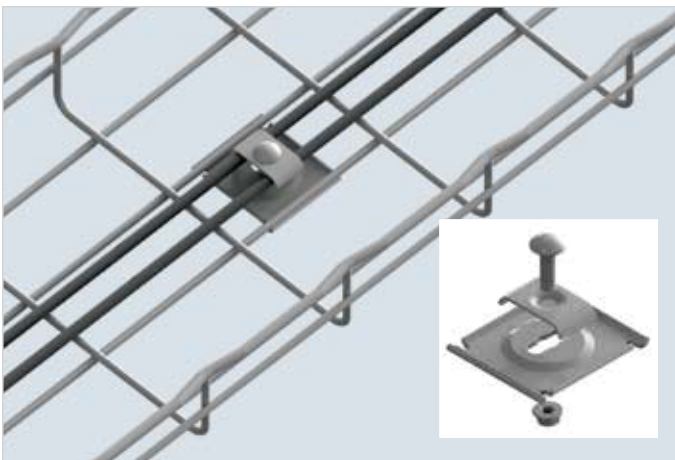
CE40CC

CH Kits

	PKG. QTY	FOR CONDUIT SIZE	WEIGHT		FINISH / AVAILABILITY
			LBS	KG	
CE40CC12	10	0.5	0.22	0.10	M
CE40CC34	10	0.75	0.21	0.10	M
CE40CC1	10	1.0	0.20	0.09	M
CE40CC114	10	1.25	0.19	0.09	M
CH12 KIT	1	0.5	0.27	0.12	M
CH34 KIT	1	0.75	0.28	0.13	M
CH1 KIT	1	1.0	0.29	0.13	M
CH114 KIT	1	1.25	0.30	0.14	M
CH112 KIT	1	1.5	0.36	0.16	M
CH2 KIT	1	2.0	0.40	0.18	M
CH212 KIT	1	2.5	0.45	0.20	M
CH3 KIT	1	3.0	0.50	0.23	M
CH312 KIT	1	3.5	0.67	0.30	M
CH4 KIT	1	4.0	0.91	0.41	M

S - NORMALLY STOCKED M - MADE TO ORDER

## YCKIT YOKE CLAMP KIT

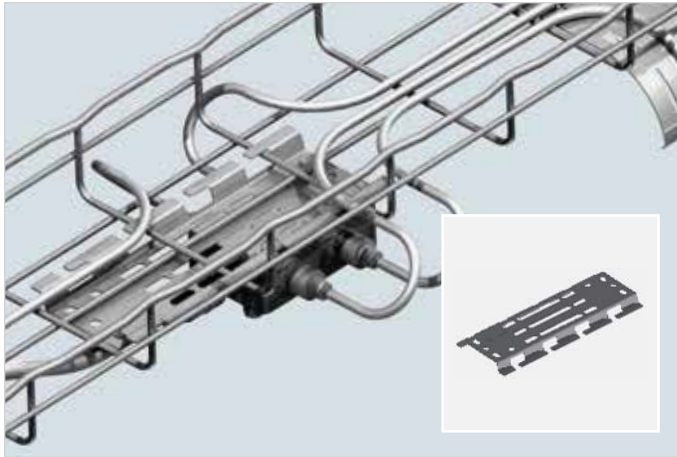


- Secures tubing to Cablofil tray to resist vibration in industrial applications.
- Accommodates up to 1/2” tubing.
- Each kit includes: one YC Yoke Clamp, one CE 40 Washer and one EZBN 1/4 Bolt/Nut.

	PKG. QTY.	NO. OF TUBES	TUBE DIAMETER		WEIGHT		FINISH / AVAILABILITY
			IN	MM	LBS	KG	
YC214KIT	10	2	0.25	6.35	1.17	0.53	M
YC238KIT	10	2	0.375	9.52	1.20	0.54	M
YC212KIT	10	2	0.5	12.7	1.32	0.60	M
YC414KIT	10	4	0.25	6.35	1.34	0.61	M
YC438KIT	10	4	0.375	9.52	1.47	0.66	M

S - NORMALLY STOCKED M - MADE TO ORDER

**CM50I**  
INDUSTRIAL BOX MOUNTING BRACKET

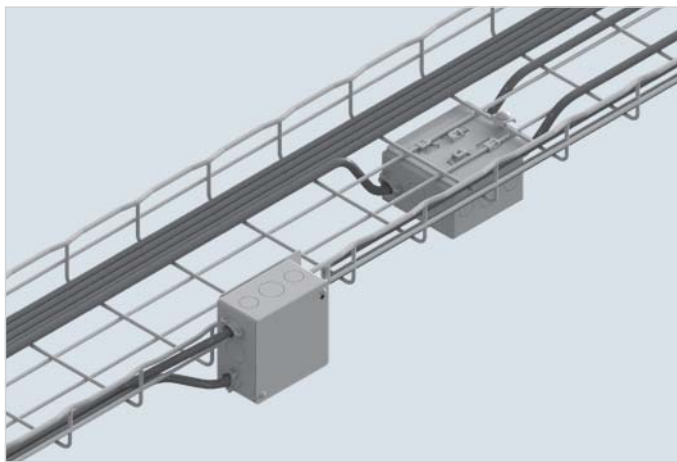


- FAS style tabs secures bracket to tray without additional hardware.
- Slotted mounting hole design allows for less-than-perfect hole alignment.

	WEIGHT		FINISH / AVAILABILITY			
	LBS	KG	PG	GC	316L	BL
CM50I	0.33	0.15	M	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

**TC4KIT/TC5KIT**  
TWIST-ON METALLIC JUNCTION BOXES



- Easy 45° twist-on attachment to any CF Series Cablofil tray.
- Available in 4" and 4-11/16" box sizes.
- Boxes feature standard knockouts on 4 sides.
- Flat covers, mounting screws, box and bonding hardware are included in kit.
- UL Classified.
- Designed to accept all NEMA standard face plates and plaster rings.

	HEIGHT		WIDTH		PG
	IN	MM	IN	MM	
TC4KIT	4.0	102	4.8	122	S
TC5KIT	4.7	119	5.5	140	M

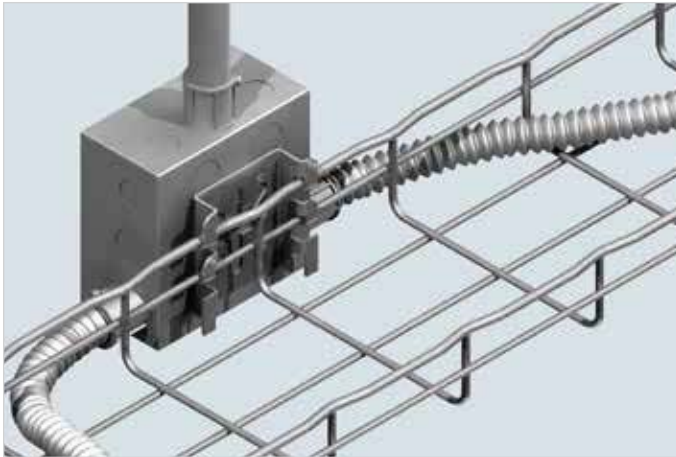
S - NORMALLY STOCKED M - MADE TO ORDER

	DEPTH		WEIGHT	
	IN	MM	FT	M
	2.0	50	1.2	0.5



ACCESSORIES

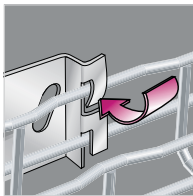
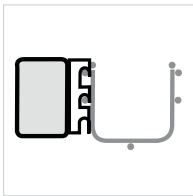
**C 50**  
ELECTRICAL BOX SUPPORT



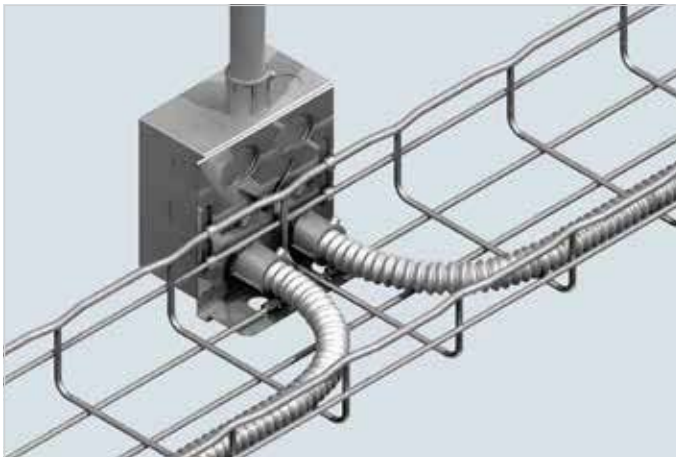
- Mount electrical boxes and lighting fixtures directly to cable tray.
- Slotted mounting holes allow for less-than-perfect hole alignment.
- Fold over tabs secure attachment to tray.

	WEIGHT		PG	FINISH / AVAILABILITY				
	LBS	KG		GC	316L	BL	PE	WH
C50	0.2	0.1	S	S	S	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER



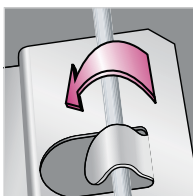
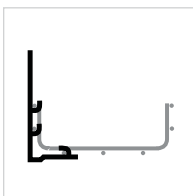
**SBDA**  
CONDUIT AND BOX SUPPORT



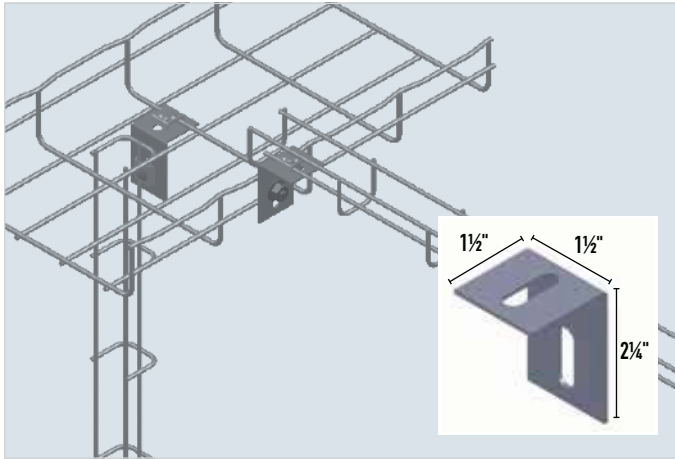
- Mount electrical boxes and conduit directly to Cablofil tray.
- Mounting holes accommodate 1/2" and 3/4" conduit.
- Slotted mounting holes allow for less-than-perfect hole alignment.
- Fold over tabs secure attachment to tray.

	WEIGHT		PG	FINISH / AVAILABILITY	
	LBS	KG		BL	PE
SBDA	0.2	0.1	S	M	M

S - NORMALLY STOCKED M - MADE TO ORDER



**AB225 KIT**  
ANGLE BRACKET

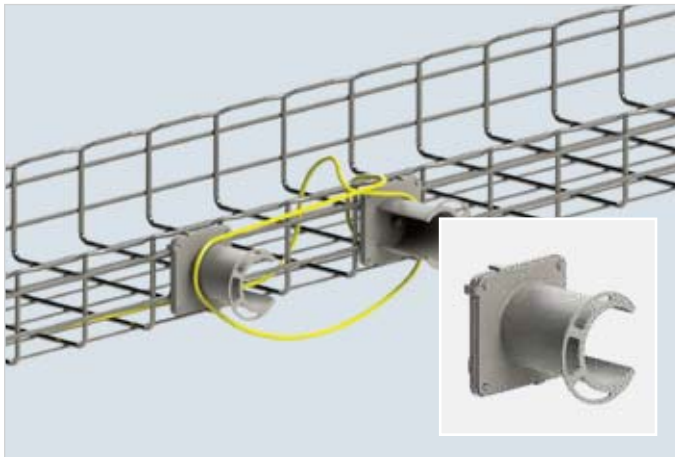


- Secures smaller tray runs to larger tray runs at right angles.
- Kit contains two EZ BN 1/4 Bolt/Nut and two CE 25 washers to secure tray.

	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY			
		LBS	KG	PG	316L	BL	WH
AB225KIT	10	1.07	0.48	S	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

**TOH**  
FIBER-OPTIC TWIST-ON HORN



- Use to manage extra lengths of fiber-optic cabling
- Snaps onto side or bottom of any Cablofil cable pathway
- Use in singles, pairs or more
- ABS plastic construction is durable and corrosion resistant
- Kit includes one Plexo 80 Base and one Fiber-Optic Horn
- Requires no additional hardware for attachment

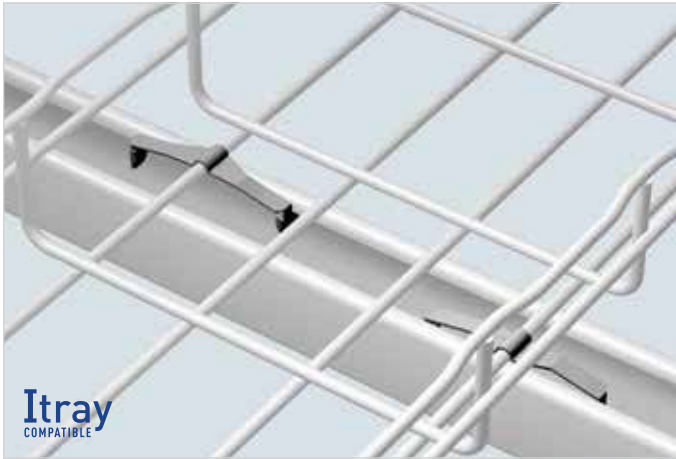
	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY
		LBS	KG	PL*
TOH	1	.13	.05	M

S - NORMALLY STOCKED M - MADE TO ORDER

\*PL = Plastic



**FS 41**  
**FASTRUT CONNECTOR**

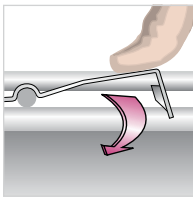


- FASTRUT attaches tray to strut without bolts and nuts or tools.
- Reduces installation time.
- Install FASTRUT on outer wires of tray, and both sides of the strut.
- 2 required for tray 12" or smaller.
- 3 required for tray 18" or larger.

	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY					
		LBS	KG	DC	316L	BL	PE	WH	
FS 41	50	3.3	1.5	S	S	S	M	M	

S - NORMALLY STOCKED M - MADE TO ORDER

Itray  
COMPATIBLE



**WMC2LA**  
**WIRE MESH CABLE TRAY-TO-LADDER CLAMP**

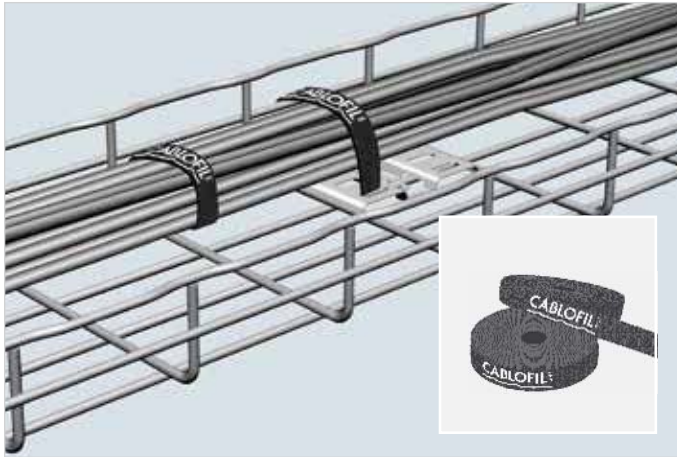


- This unique clamp allows tray to be attached to the side rails of any ladder tray and a pre-installed setscrew secures the junction for a secure installation.
- Bolt head protection cap included as shown

	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY					
		LBS	KG	EZ	GC	304L	BL	PE	
WMC2LA	1	0.37	0.17	M	M	M	M	M	

S - NORMALLY STOCKED M - MADE TO ORDER

**EZVC**  
VELCRO ROLL

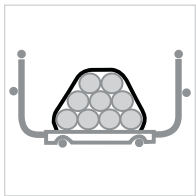


- 1/2" velcro can be cut to fit any size cable bundle.
- Great for frequent cable changes.

	LENGTG		WEIGHT		FINISH / AVAILABILITY
	FT	MM	LBS	KG	VC*
EZVC	15/ROLL	7	0.1	0.05	S

S - NORMALLY STOCKED M - MADE TO ORDER

\*VC = Velcro



**CLIP**  
CABLE LABEL CLIP

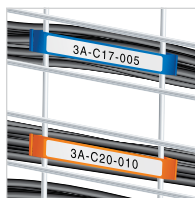
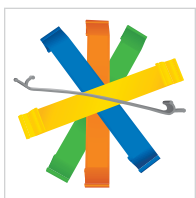


- Use Cable Label Clips to identify cable runs.
- Color code makes identification easy.
- Durable poly material won't fade.

	PKG. QTY.	COLOR	WEIGHT		FINISH / AVAILABILITY
			LBS	KG	PL*
CLIPBLACK	50	Black	0.009	0.004	M
CLIPWHITE	50	White	0.009	0.004	M
CLIPORANGE	50	Orange	0.009	0.004	M
CLIPYELLOW	50	Yellow	0.009	0.004	M
CLIPGREEN	50	Green	0.009	0.004	M
CLIPBLUE	50	Blue	0.009	0.004	M
CLIPGRAY	50	Gray	0.009	0.004	M

S - NORMALLY STOCKED M - MADE TO ORDER

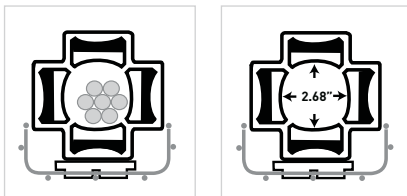
\*PL = Plastic



## FAS ROLLER CABLE GUIDE

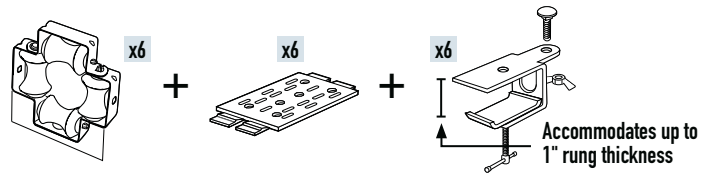


- Easy open gate allows full access to FAS Roller.
- Unique 4 roller design prevents cable snagging.
- Bi-color rollers show roller turn at a distance which prevents burning the cable while being pulled.
- Multifix™ poly swivel base attaches directly to Cablofil tray without tools.
- Can also be attached with bolts or handy clamp provided in kit.
- Use FAS Roller as a permanent part of a tray installation in horizontal and vertical pathways – for hard to reach areas, i.e. access floors or plenums.
- Sold in sets of 6 – includes handy carrying case.
- Inside diameter is 2.688”.
- Larger heavy duty roller available.

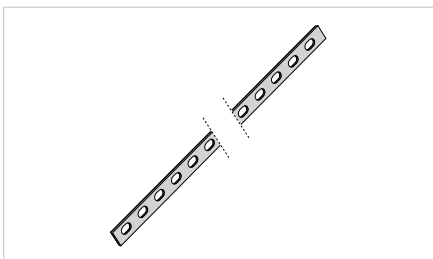


	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY
		LBS	KG	PL*
FAS ROLLER	6	11.0	4.8	M

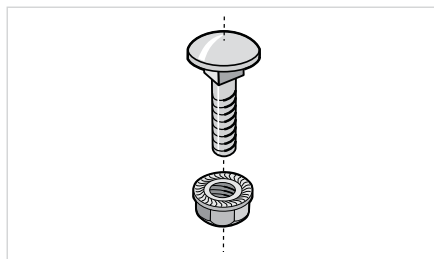
S - NORMALLY STOCKED M - MADE TO ORDER  
\*PL = Plastic



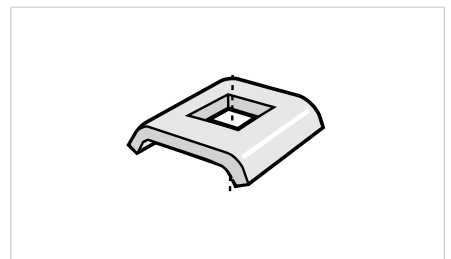
### ED 1100



### EZ BN 1/4 EZ BN 5/16



### CE 25



	PKG. QTY.	LENGTH		WEIGHT		FINISH / AVAILABILITY						
		IN	MM	LBS	KG	EZ	GC	DC	316L	BL	PE	WH
ED 1100	1	43.0	1100	1.1	0.5	M	M	-	M	M	M	M
EZ BN 1/4	50	-	-	1.3	0.6	S	-	M	M	M	-	-
EZ BN 5/16	50	-	-	2.0	0.9	M	-	M	M	M	-	-
CE 25	50	-	-	1.0	0.4	S	-	S	S	M	M	M

S - NORMALLY STOCKED M - MADE TO ORDER

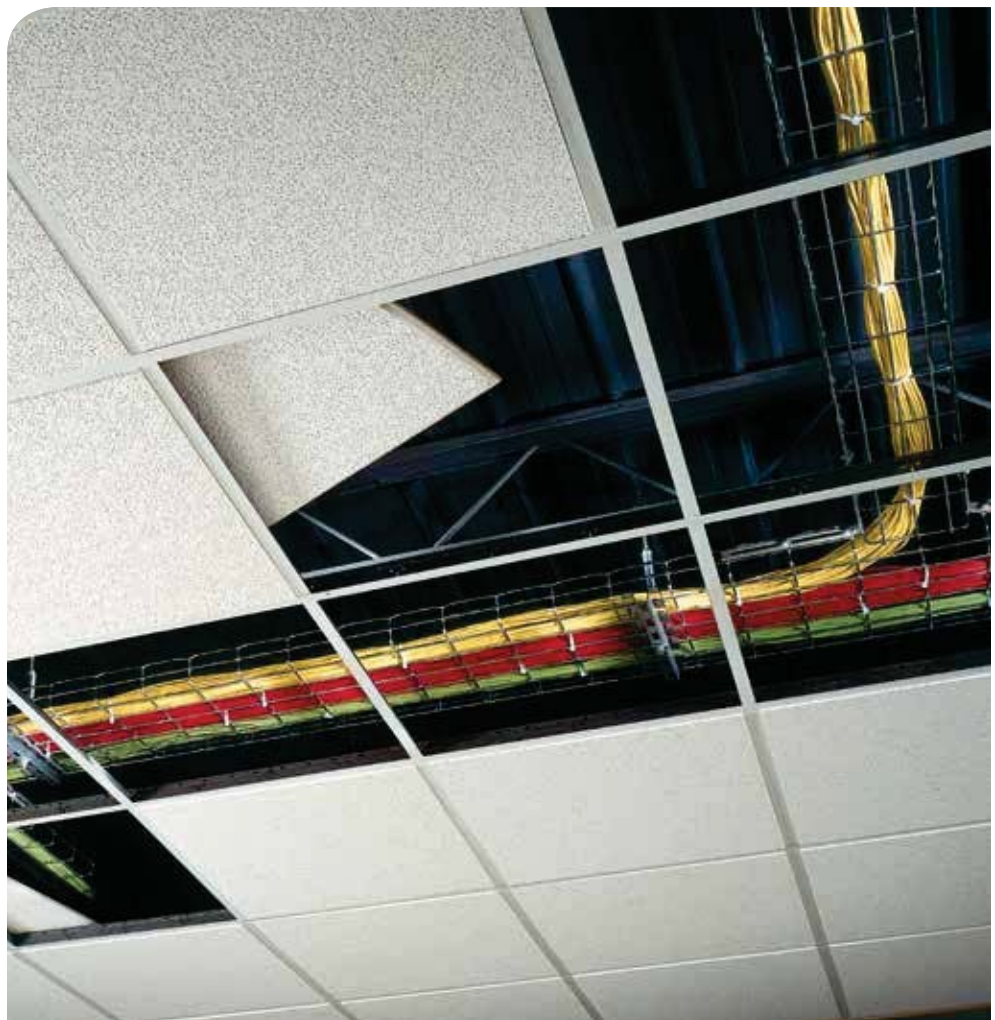
ACCESSORIES

# INSTALLATIONS

- A.57** CUSTOM BENDS AND JUNCTIONS
- A.57** DIRECTIONAL CHANGE HARDWARE
- A.58** HOW TO CUT CABLOFIL CABLE TRAY
- A.59** USING A POWER CUTTER TO CUT CABLOFIL CABLOCUT
- A.60** EDRN  
FAST SPLICE
- A.60** SWK  
FAST SPLICE
- A.60** ED 275  
FAST SPLICE
- A.61** PROPER USE OF FAS TABS - WIRE MESH TRAY
- A.61** FS41
- A.61** PROPER GROUNDING FOR PAINTED TRAY
- A.62** T JUNCTIONS  
RAD T 90 KIT
- A.64** T JUNCTIONS  
EZ T 90 KIT
- A.66** Y JUNCTIONS
- A.68** 90° BENDS  
RAD T 90 KIT
- A.70** 90° BENDS  
EZ T 90 KIT
- A.72** 90° JUNCTIONS  
EZ T 90 KIT
- A.73** OTHER THAN 90° JUNCTIONS
- A.74** SWEEPS  
SWK
- A.76** REDUCTIONS
- A.77** CHANGING LEVELS
- A.77** CUTTING AND BENDING



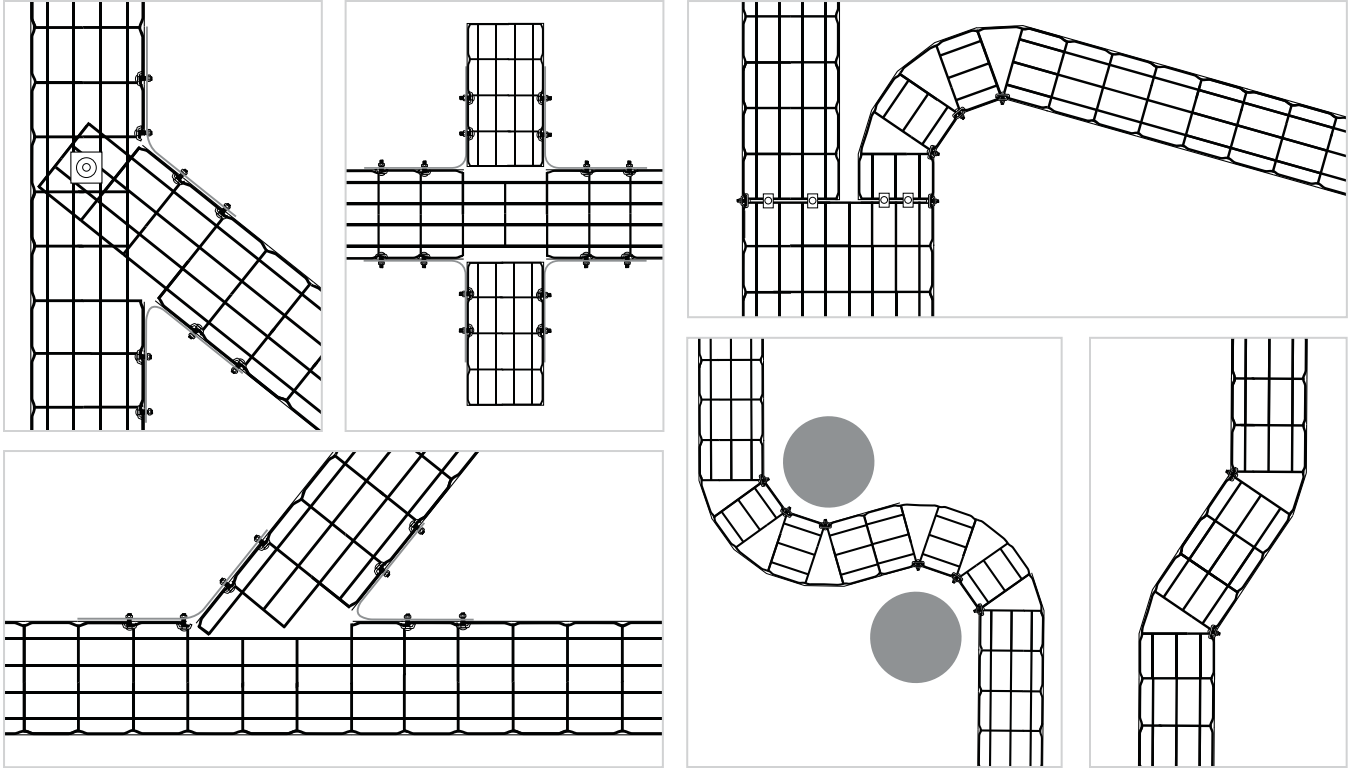
Use this guide to learn the most effective installation practices when installing our wire mesh tray. Each example of bends and tee's clearly illustrate proper tray cutting combined with recommended usage of accessories in the Cablofil product line.



## CUSTOM BENDS AND JUNCTIONS

### WITH CABLOFIL CABLE TRAY, ANY INSTALLATION CONFIGURATION IS POSSIBLE

Engineers and contractors in North America and around the world have found Cablofil products to be the solution to any installation problem. Any bend, sweep or level change can be fabricated on site. Let your imagination have no limits on your next project.



## DIRECTIONAL CHANGE HARDWARE

		90° BENDS						HORIZONTAL TEE					
		SWK (SWEEP)		RADT90		EZT90		RADT90		EZT90		Y JUNCTION	
TRAY WIDTH		QTY. REQUIRED	CUT INSTRUCTIONS	QTY. REQUIRED	CUT INSTRUCTIONS	QTY. REQUIRED	CUT INSTRUCTIONS	QTY. REQUIRED	CUT INSTRUCTIONS	QTY. REQUIRED	CUT INSTRUCTIONS	HARDWARE REQUIRED	CUT INSTRUCTIONS
INCHES	MM												
2.0	50	2	p. A.76	-	-	1 kit	p. A.72	-	-	1 kit	p. A.66	-	-
4.0	100	2	p. A.76	1 kit	p. A.70	1 kit	p. A.72	1 kit	p. A.64	1 kit	p. A.66	p. A.57	p. A.68
6.0	150	4	p. A.76	1 kit	p. A.70	1 kit	p. A.72	1 kit	p. A.64	1 kit	p. A.66	p. A.57	p. A.68
8.0	200	4	p. A.76	1 kit	p. A.70	1 kit	p. A.72	1 kit	p. A.64	1 kit	p. A.66	p. A.57	p. A.68
12.0	300	6	p. A.77	1 kit	p. A.70	1 kit	p. A.73	1 kit	p. A.65	1 kit	p. A.67	p. A.57	p. A.69
18.0	400	8	p. A.77	1 kit	p. A.71	1 kit	p. A.73	1 kit	p. A.65	1 kit	p. A.67	p. A.57	p. A.69
20.0	450	9	p. A.77	1 kit	p. A.71	1 kit	p. A.73	1 kit	p. A.65	1 kit	p. A.67	-	-
24.0	550	11	p. A.77	1 kit	p. A.71	1 kit	p. A.73	1 kit	p. A.65	1 kit	p. A.67	-	-

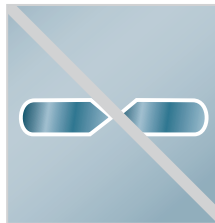
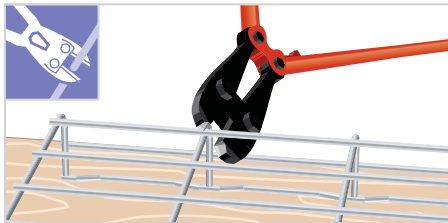
## HOW TO CUT CABLOFIL CABLE TRAY



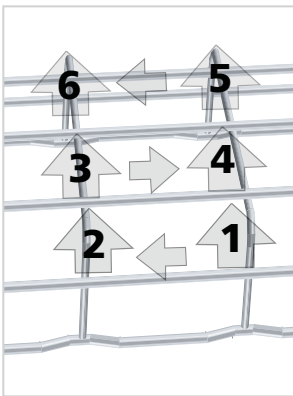
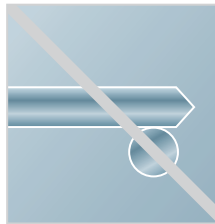
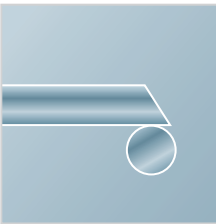
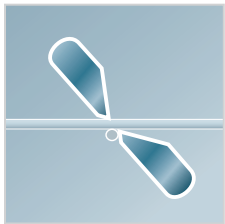
	LENGTH		WEIGHT		
	INCHES	MM	LBS	KG/1	
COUPFIL	24.8	630	6.0	2.7	S

S - NORMALLY STOCKED

- Always use side action angle bolt cutters.



- Angle all cuts away from the new end.
- Cut each wire with one clean cut, eliminating any grinding or touch-up.



- Cut the bottom wires first, in order as shown, from the underside of the tray.
- Rest the lower jaw of the cutters against the cradle wire and cut at an angle away from the new end.



- Cut the side wires next, starting with the top wire.
- Make sure the finished cut is safe and ready for installation.

# USING A POWER CUTTER TO CUT CABLOFIL — CABLOCUT



Cablocut is the easiest way to cut and fabricate wire mesh tray. It ensures a perfect, clean cut in less than a second. The rechargeable Makita 18 V Lithium-ion battery makes up to 300 cuts between charges and will make Cablocut your favorite tool on your next installation.

- Cuts steel or stainless wire mesh tray up to 6mm in diameter
- Special shearing blade geometry prevents burrs and sharp edges
- Quick stop motor and automatic retraction when cut is complete enhances safety
- Hydraulic damping system reduces maintenance - only required after 20,000 cuts
- Multifunction LED for workplace illumination and battery charge indicator
- Uses standard Makita 18 V/1.5 Ah Lithium-ion battery
- Ergonomic housing with soft grip handle

Small head size permits cuts close to welds

Special shearing blade insures clean cuts without burrs

Cutting blades are easy to replace

Soft grip, balanced design

Multifunction LED for illumination and charge indicator



	ITEM	DESCRIPTION
S	CABLOCUT*	Cutter, Case, Spare Blades
S	CABLOCUT BLADES	Spare Blades
S	CABLOCUT BATTERY*	18 V Li-Ion Battery 1.5/A/HR
S	CABLOCUT CHARGER*	120 VAC Quick Charger

\*Battery and Charger sold and shipped separately.  
S - NORMALLY STOCKED

## SHEARING ACTION RESULTS IN CLEAN EDGE.

Cablocut Results



Old Tools, Electric or Manual



## ACCESSORIES

**CASE KK50L**  
Rigid plastic case - room for cutter, battery and charger



**RAL1 BATTERY\***  
18 V / 1.5 Ah / Li-Ion



**CHARGER LGL1\***  
20 V Quick charger

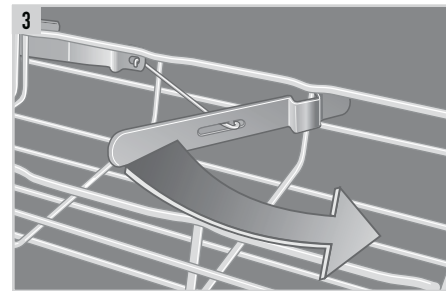
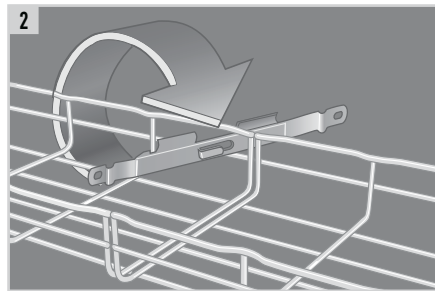
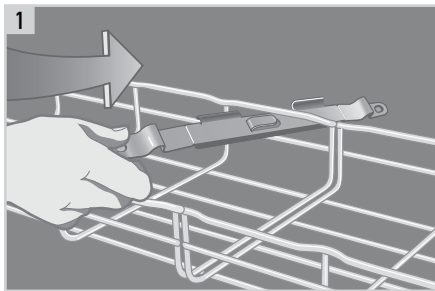


## PROPER SPLICING - EDRN FAST SPLICE



SEE PAGE A.17

	 2" → 8" (50 → 200 mm)	 12" (300 mm)	 18" → 24" (450 → 600 mm)
 EDRN splices needed on side wires	2x EDRN	2x EDRN	2x EDRN
 EDRN splices needed on bottom of tray	-	1x EDRN	2x EDRN



## PROPER SPLICING - SWK



SEE PAGE A.17

	 2" (50 mm)	 4" → 8" (100 → 200 mm)	 12" → 24" (300 → 600 mm)
 SWK attachment sets needed for side wires	2x SWK	2x SWK	2x SWK
 SWK attachment sets needed for bottom wires	-	1x SWK	2x SWK

## PROPER SPLICING - ED 275



SEE PAGE A.20

	 2" (50 mm)	 4" → 8" (100 → 200 mm)	 12" → 24" (300 → 600 mm)
 ED 275 splices needed for side wires	2x CE 25, EZ BN 1/4, ED 275	2x CE 25, EZ BN 1/4, ED 275	2x CE 25, EZ BN 1/4, ED 275
 SWK splices needed on bottom of tray	-	1x SWK	2x SWK

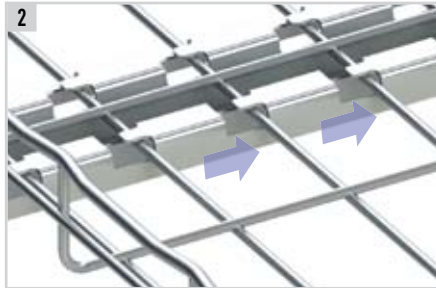


## PROPER USE OF FAS TABS - WIRE MESH TRAY

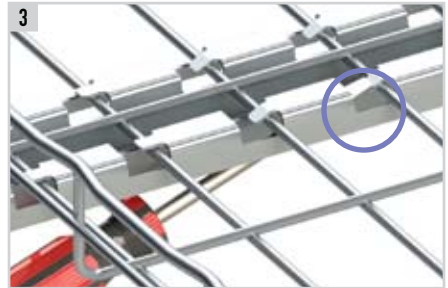
FAS tabs speed up installation times and because no additional attachment hardware is required, they also reduce costs. Follow these steps for proper installation:



1 Insert tray into slots



2 Slide tray under tabs



3 From the underside, depress several tabs using a screwdriver or pliers to secure tray



1 Place accessory onto tray



2 Slide accessory under tabs



3 Depress all tabs using a screwdriver or pliers to secure tray

## HOW TO USE - FS41



1 Hook one side of the FS41 into channel support.

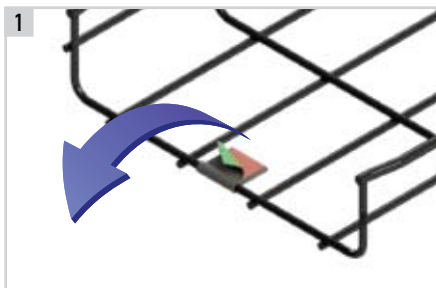


2 Depress FS41 and hook other side into channel support.



3 Add an additional FS41 on the opposite side of the channel support for secure installation.

## PROPER GROUNDING FOR PAINTED TRAY - SWK



1 Remove outer mask of folded copper strip (painted over) exposing the copper strip at each end of the tray.



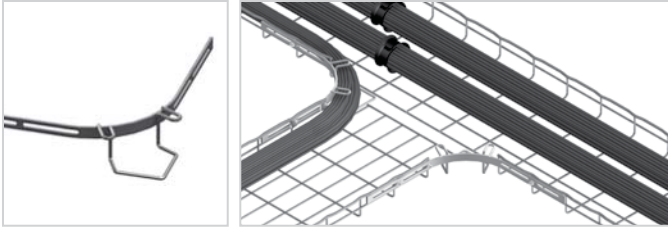
2 Position tray so that the exposed copper strips are aligned and use SWKs to join tray sections.



3 Add another SWK to the bottom section over the copper strips for proper grounding.

## T JUNCTIONS

### RAD T 90 KIT

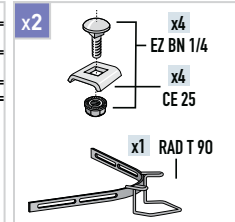
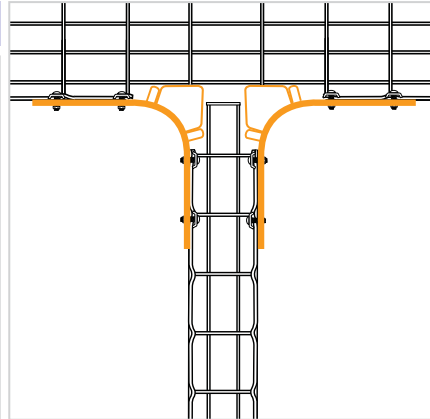


One RAD T 90 KIT will make one T Junction.  
For complete kit description and depths offered see page A.18.

**4" (100 mm)**

**1**

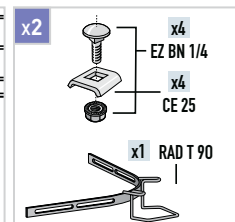
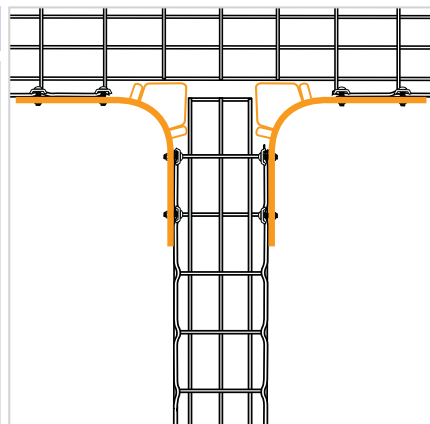
**2**



**6" (150 mm)**

**1**

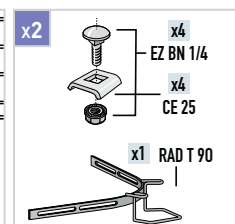
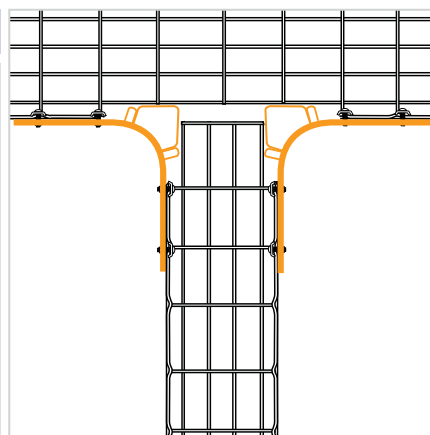
**2**



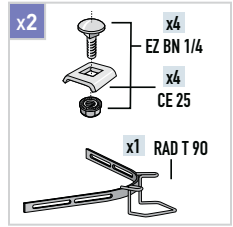
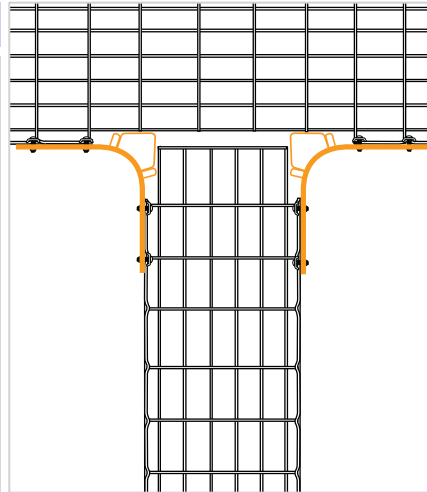
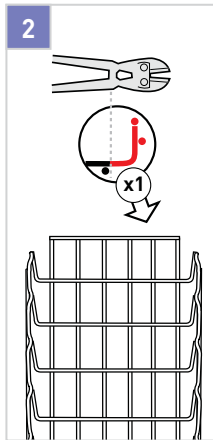
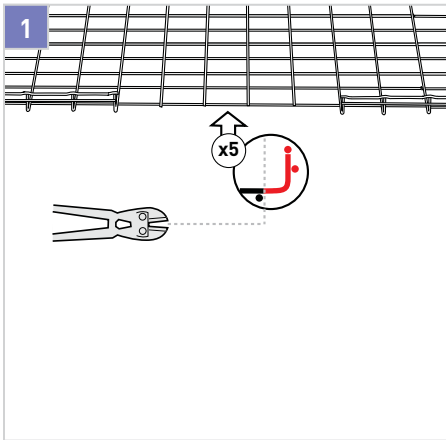
**8" (200 mm)**

**1**

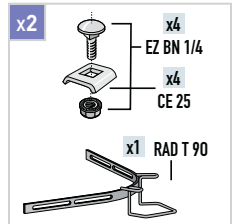
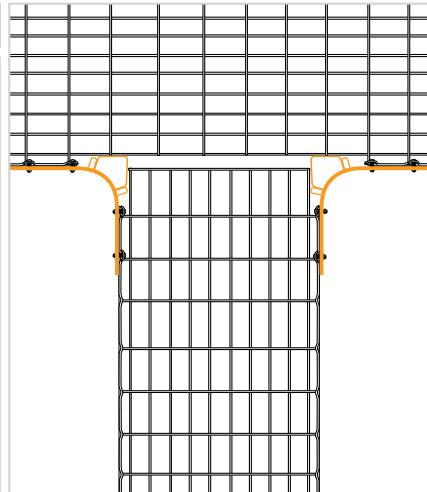
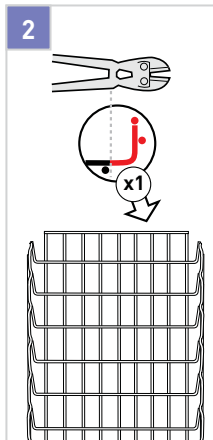
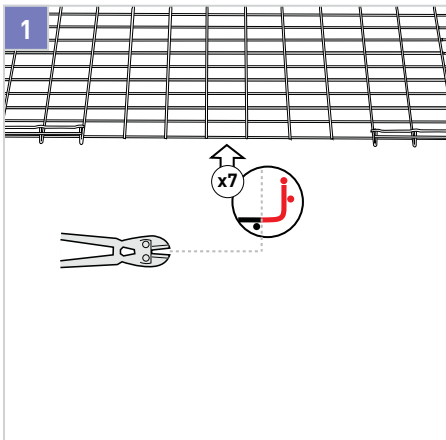
**2**



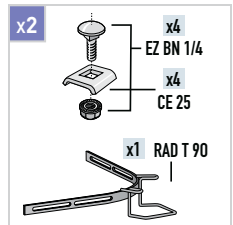
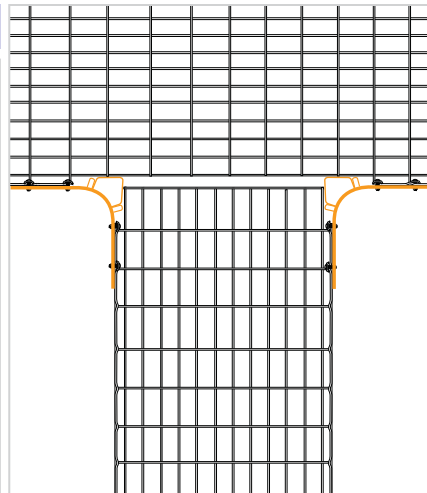
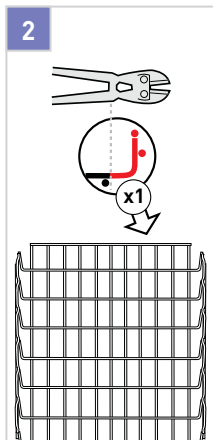
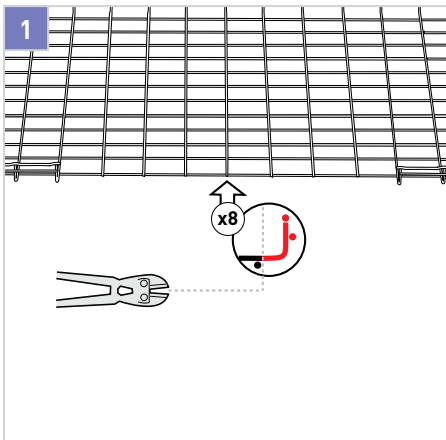
12" (300 mm)



18-20" (450-500 mm)

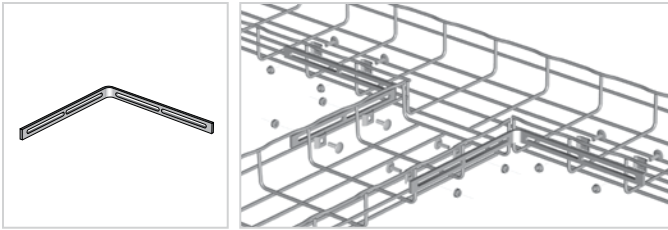


24" (600 mm)

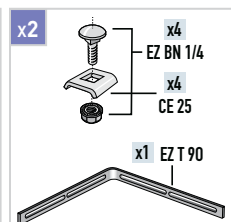
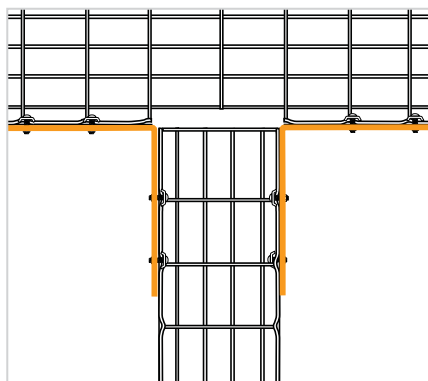
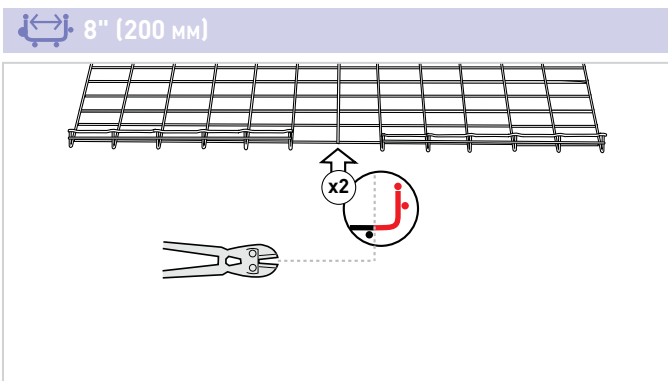
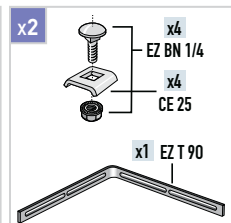
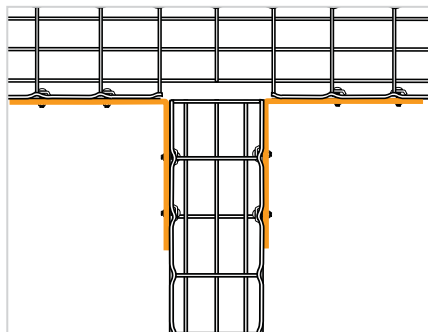
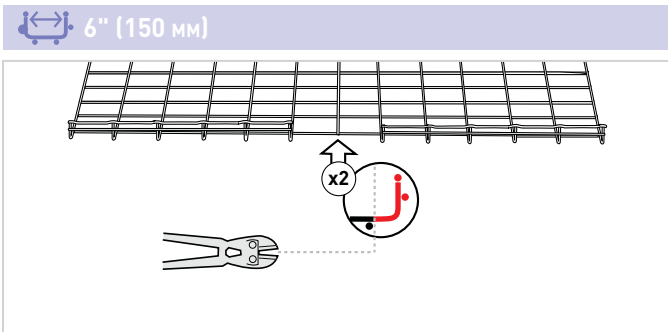
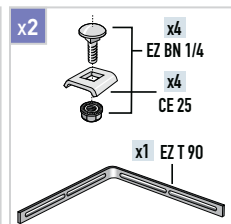
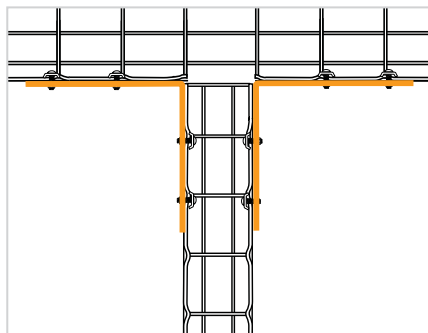
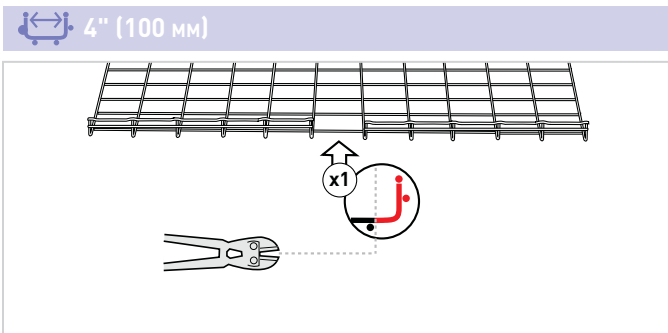
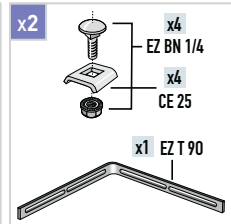
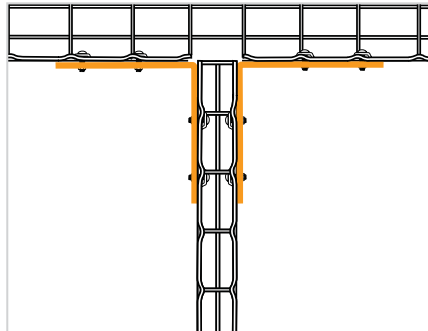
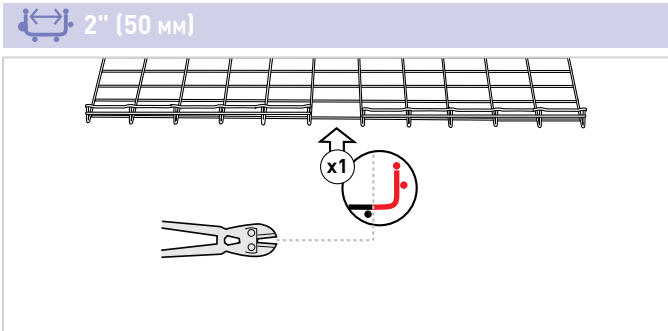


## T JUNCTIONS

### EZ T 90 KIT

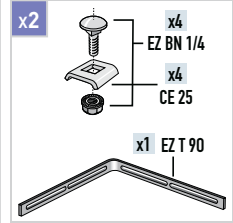
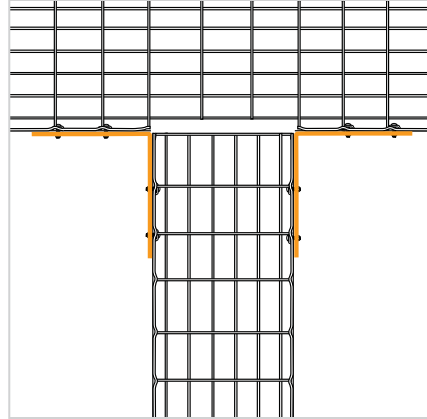
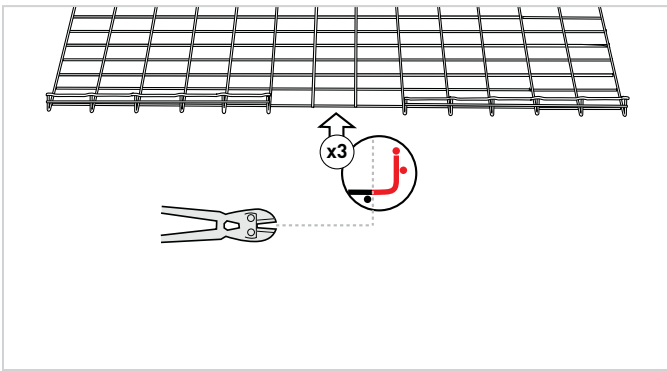


One EZ T 90 KIT will make one T Junction.  
For complete kit description see page A.19.

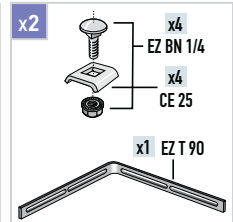
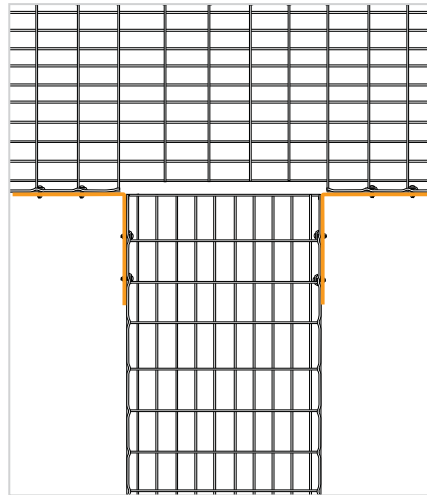
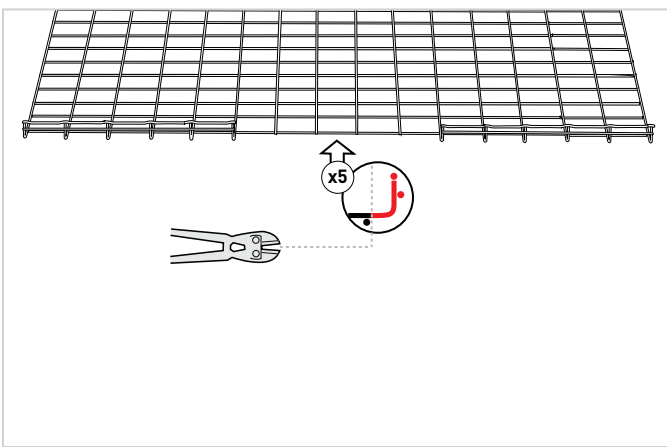


WIRE MESH TRAY

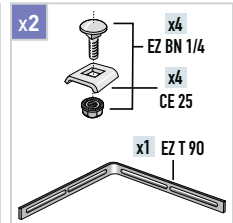
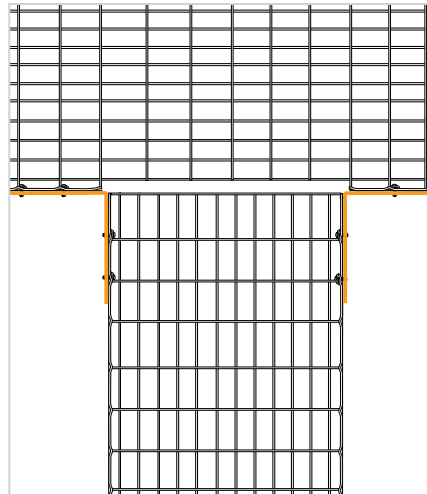
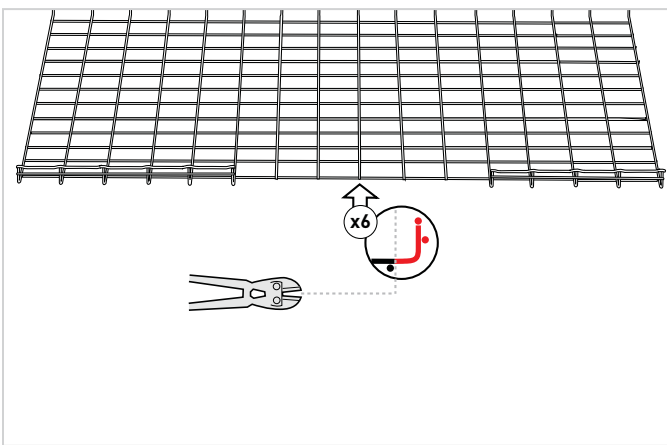
12" (300 mm)



18-20" (450-500 mm)

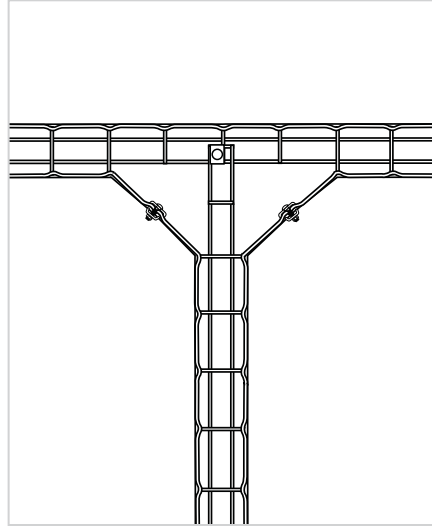
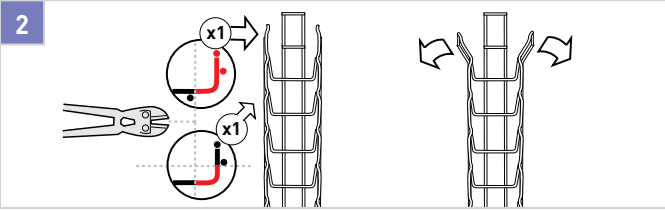
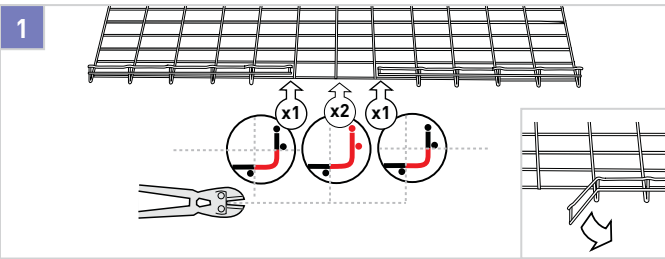


24" (600 mm)



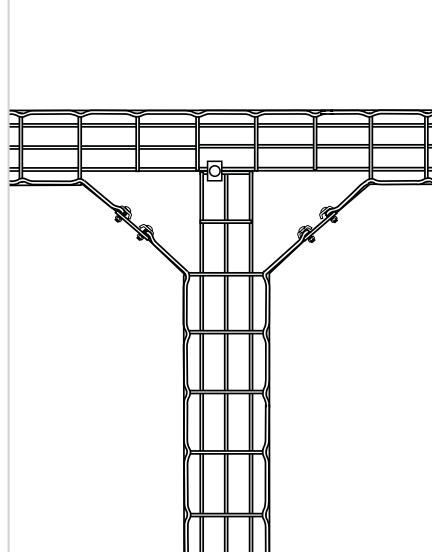
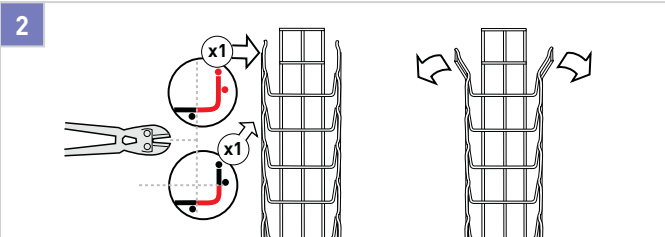
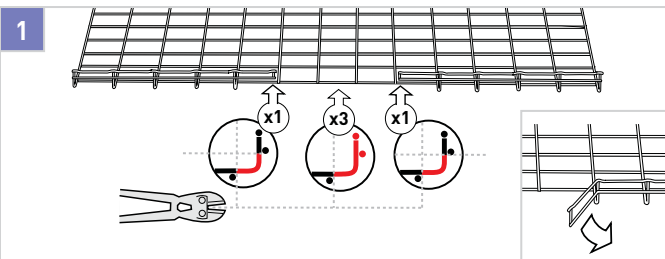
# Y JUNCTIONS

4" (100 mm)



- x3
- x1 SWK
- See pg. A.17

6" (150 mm)

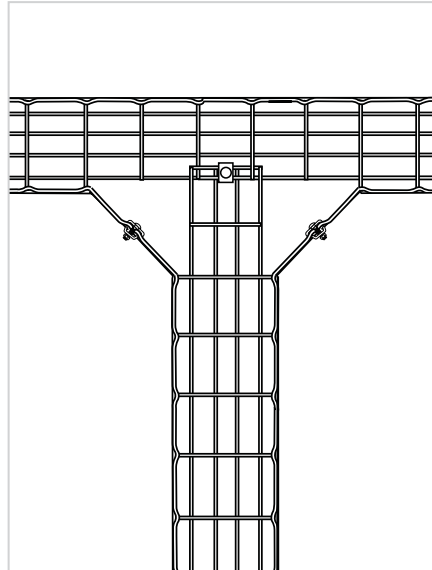
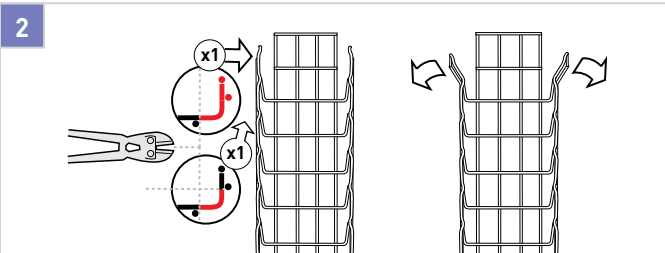
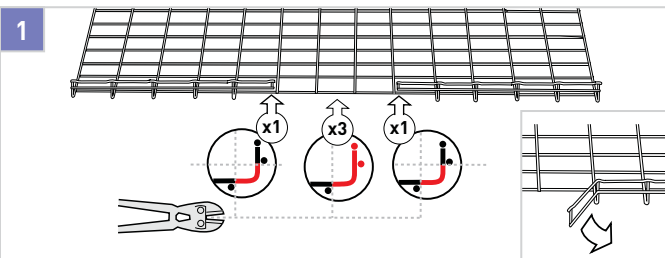


- x1
- x1 SWK
- See pg. A.17

- x2
- x2 EZ BN 1/4
- x2 CE 25
- x1 ED 275\*
- See pgs. A.20, A.55

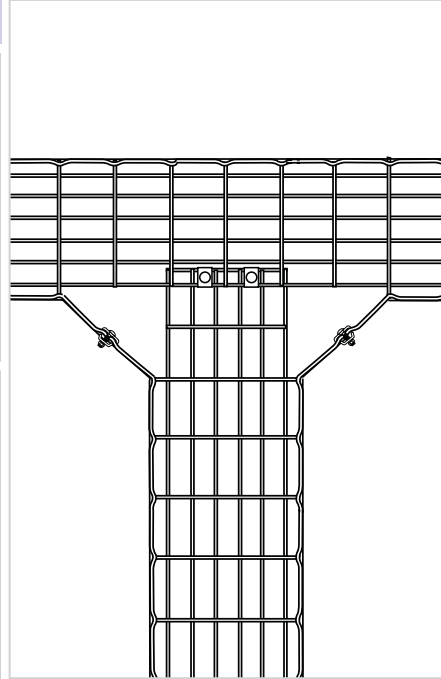
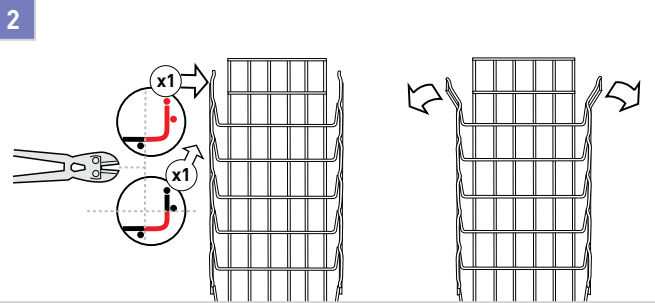
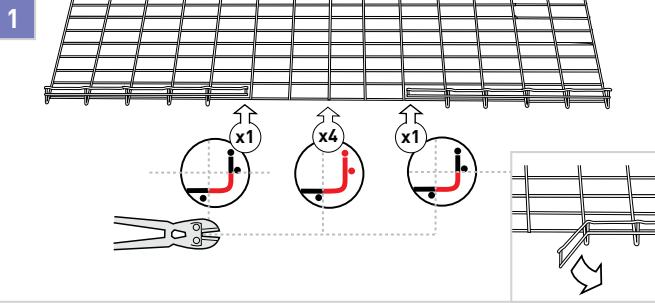
\*Use bolt cutters to fabricate this part from ED 275.

8" (200 mm)



- x3
- x1 SWK
- See pg. A.17

12" - 20" - 24" (300 - 500 - 600 mm)

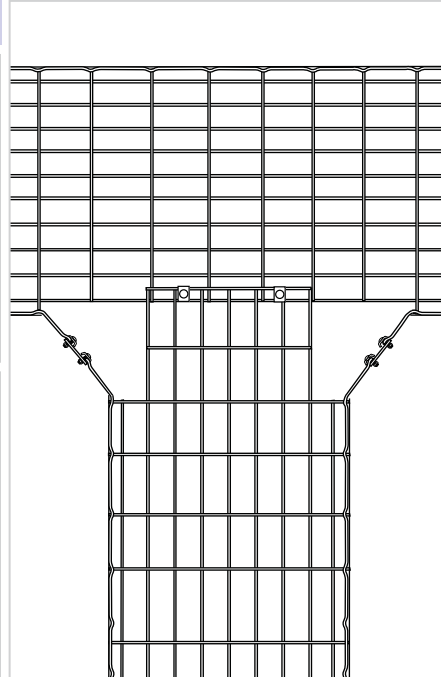
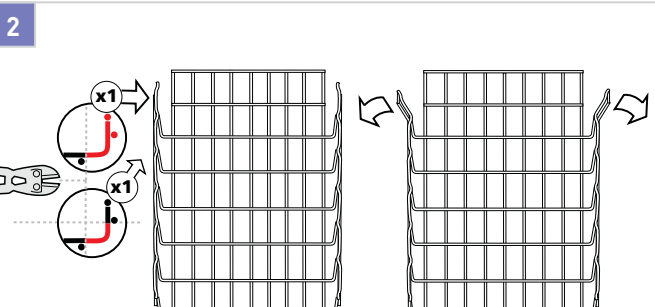
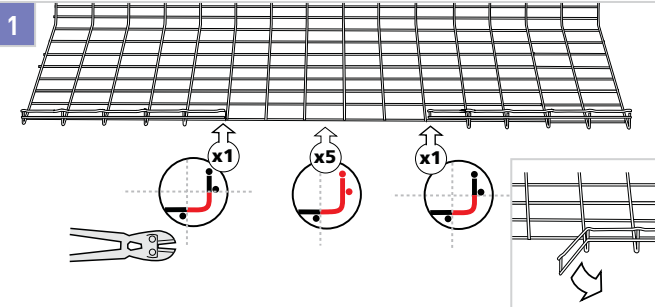


x4

x1 SWK

See pg. A.17

18" (450 mm)



x2

x1 SWK

See pg. A.17

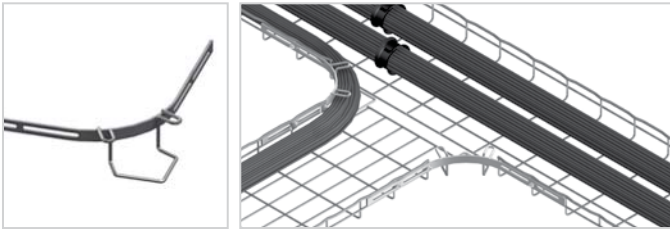
x2

x2 EZ BN 1/4  
x2 CE 25  
x1 ED 275\*

See pgs. A.20, A.55

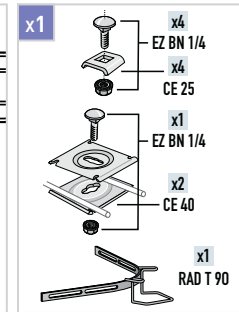
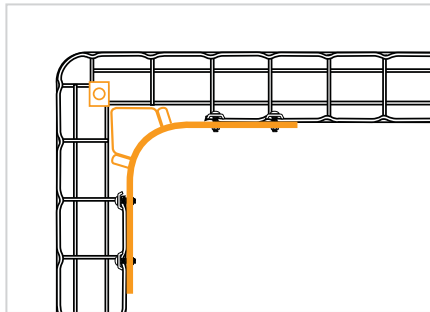
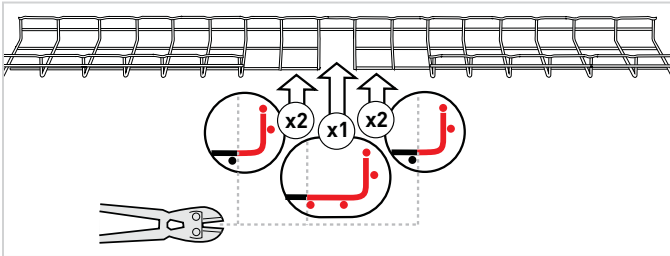
\*Use bolt cutters to fabricate this part from ED 275.

**90° BENDS**  
RAD T 90 KIT

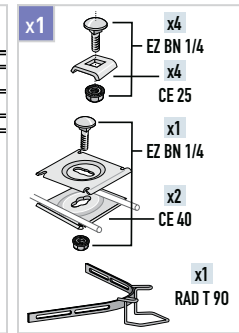
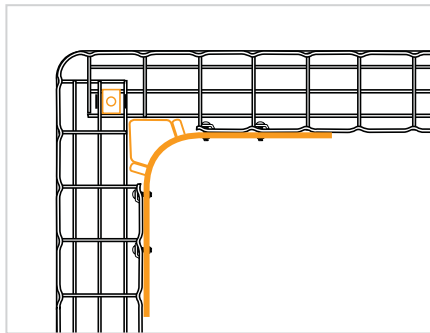
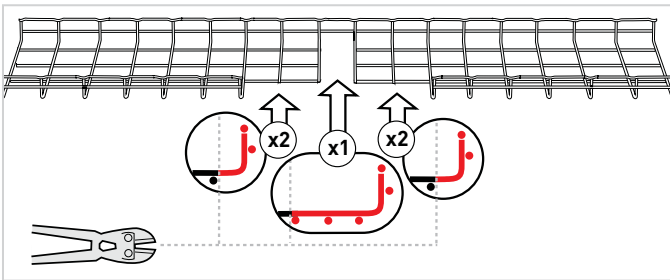


One RAD T 90 KIT will make two 90° Bends. For complete kit description and depths offered, see page A.18.

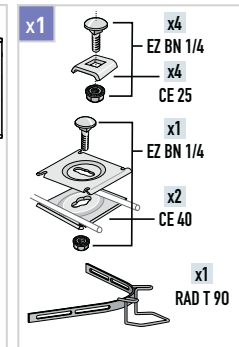
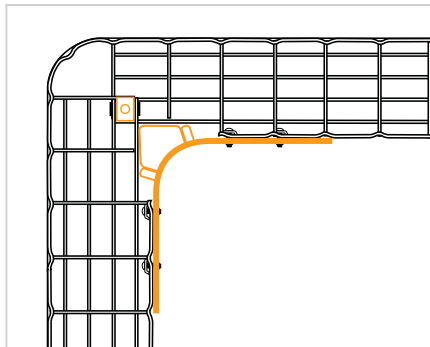
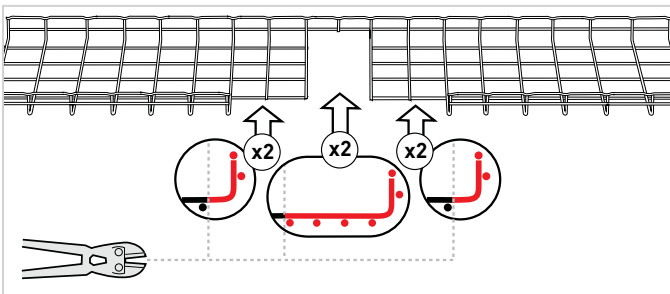
**4" (100 mm)**



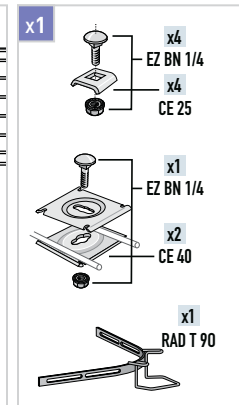
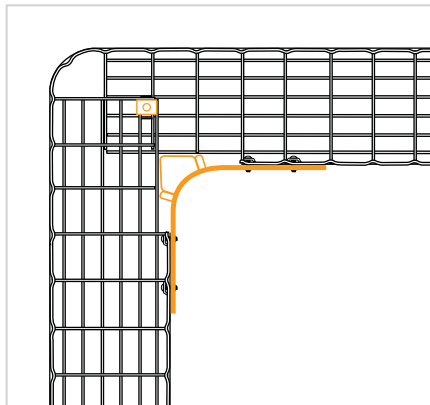
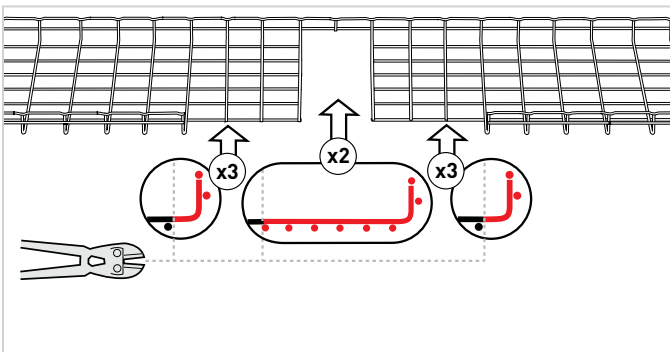
**6" (150 mm)**



**8" (200 mm)**



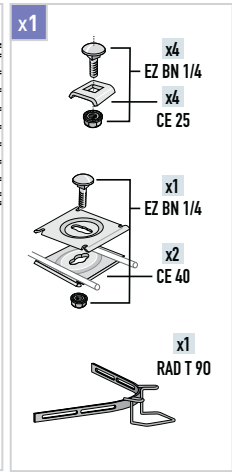
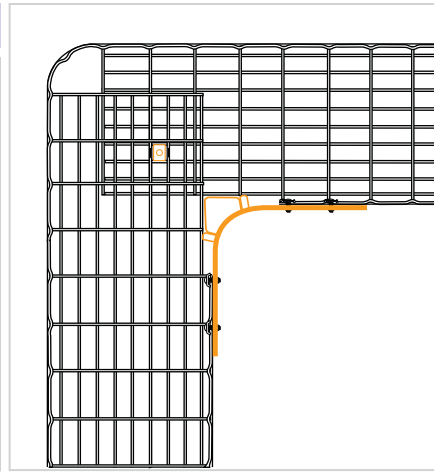
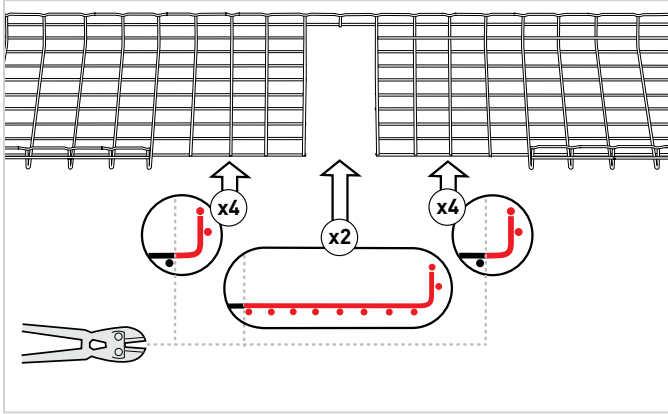
**12" (300 mm)**



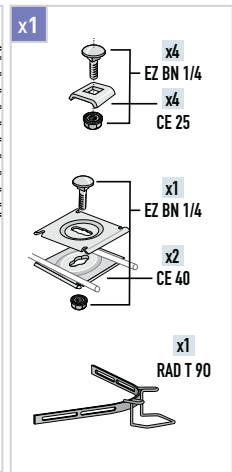
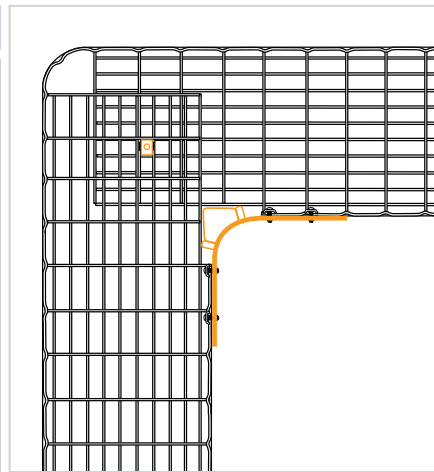
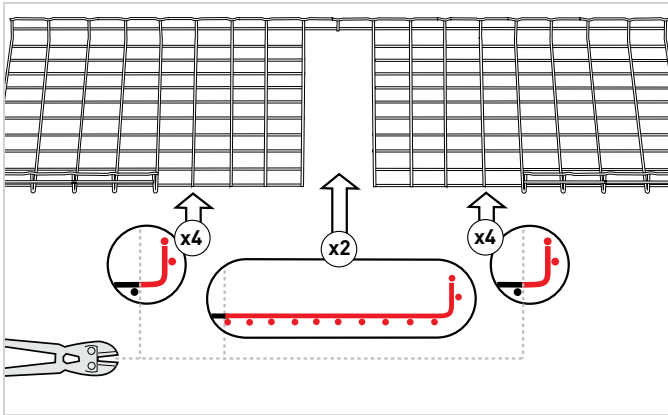


WIRE MESH TRAY

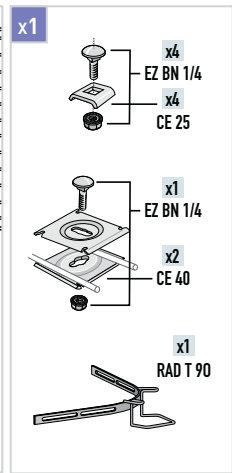
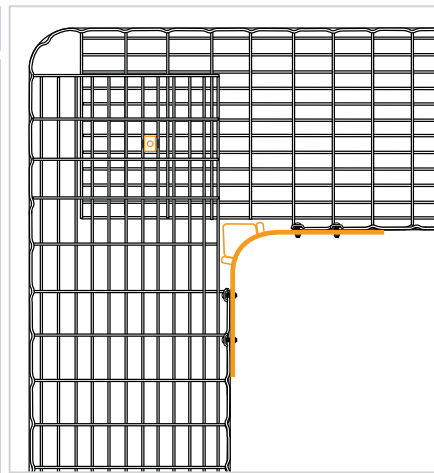
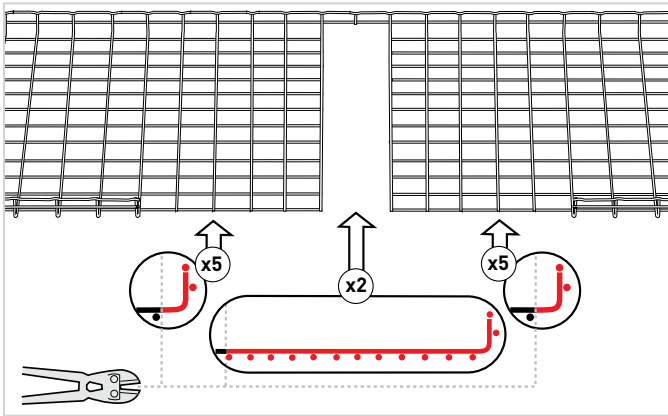
18" (450 mm)



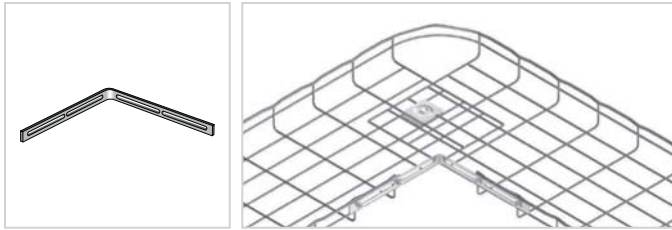
20" (500 mm)



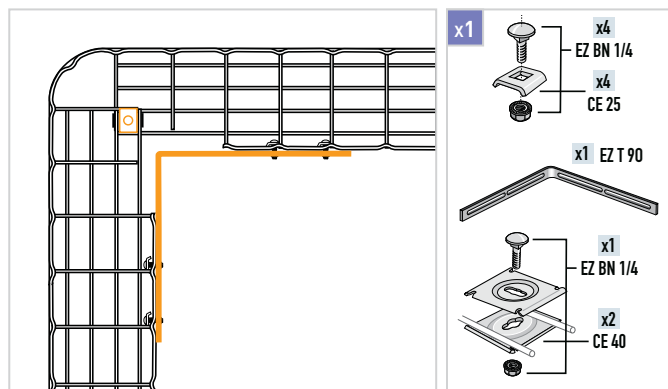
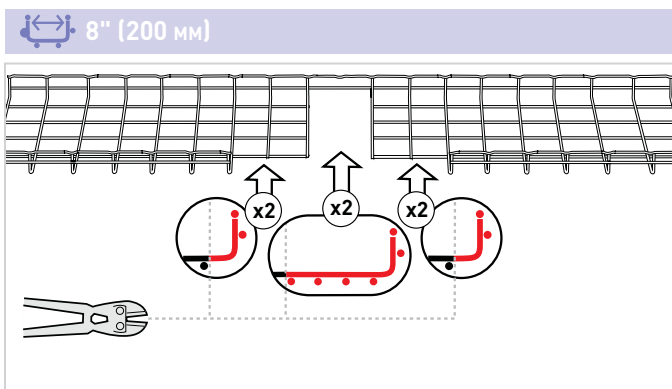
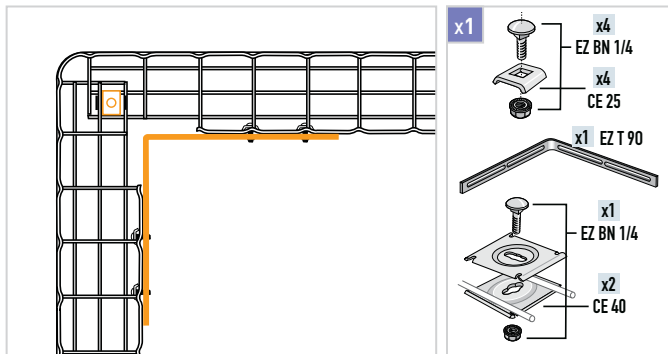
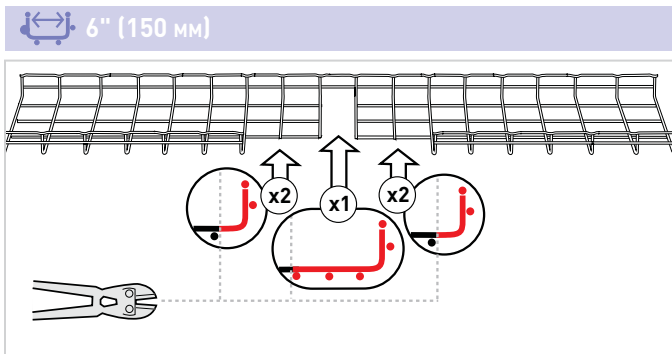
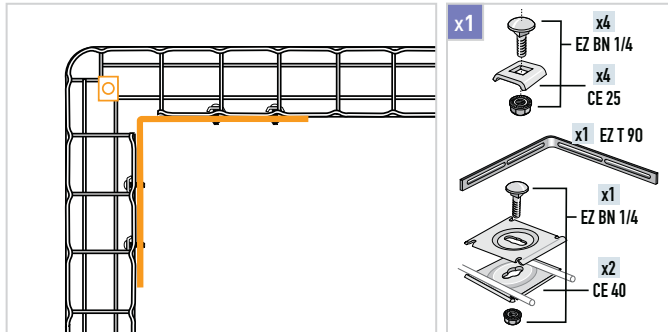
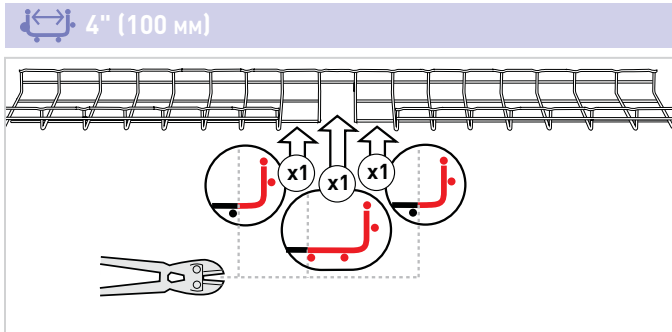
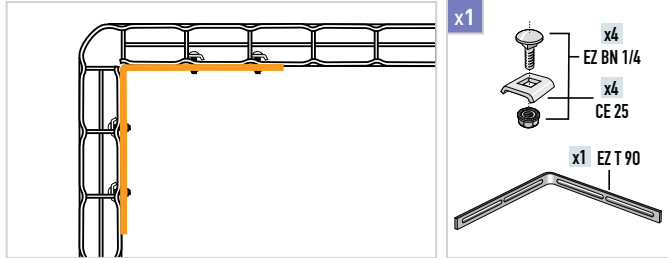
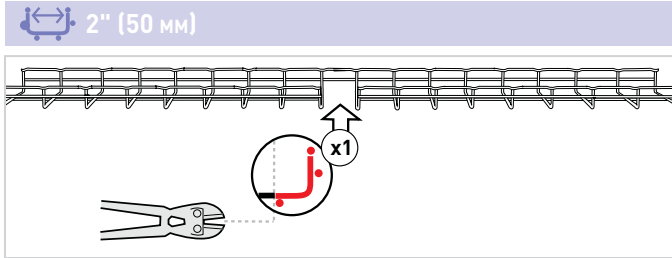
24" (600 mm)



**90° BENDS**  
EZ T 90 KIT

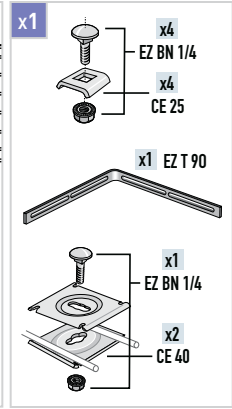
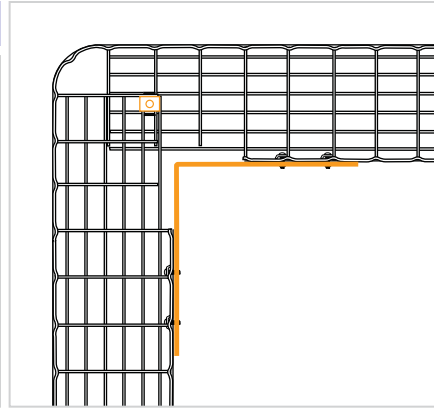
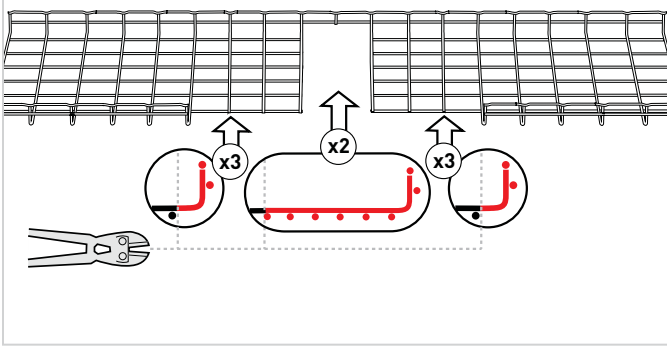


One EZ T 90 KIT will make two 90° Bends.  
For complete kit description, see page 19.

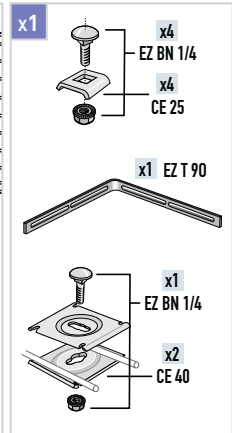
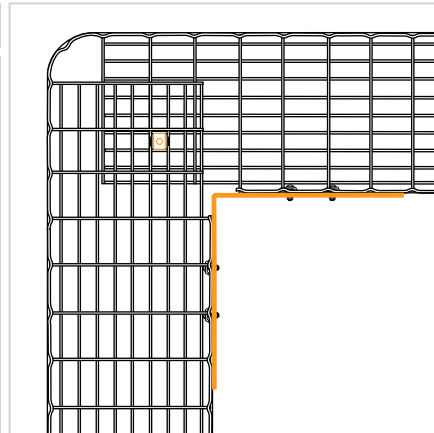
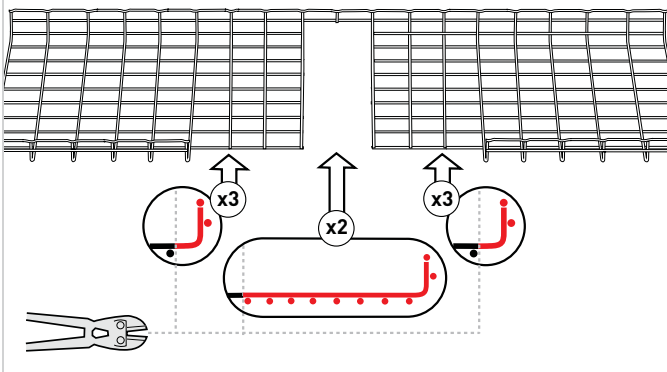


WIRE MESH TRAY

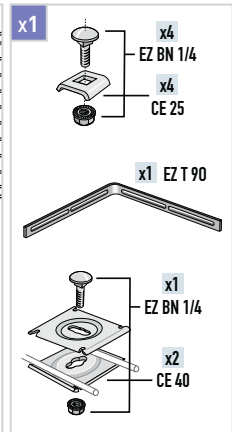
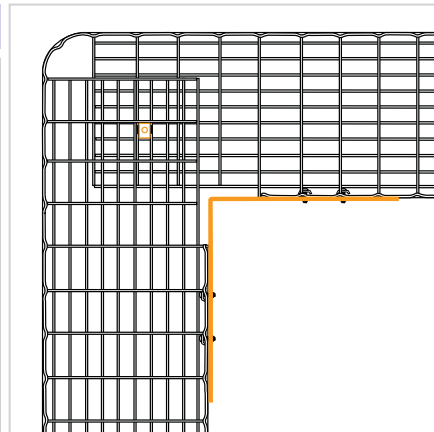
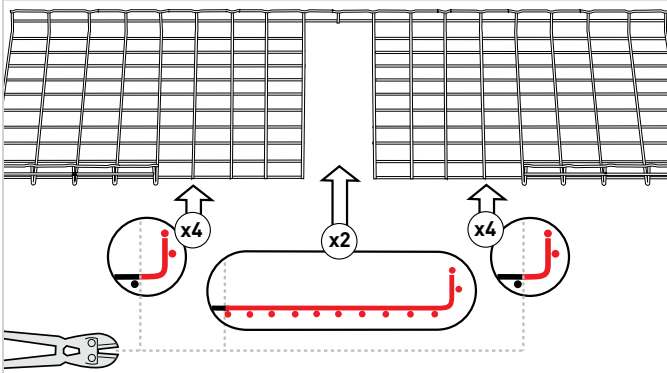
12" (300 mm)



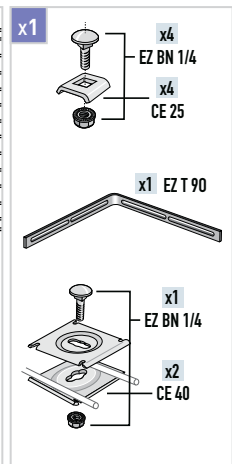
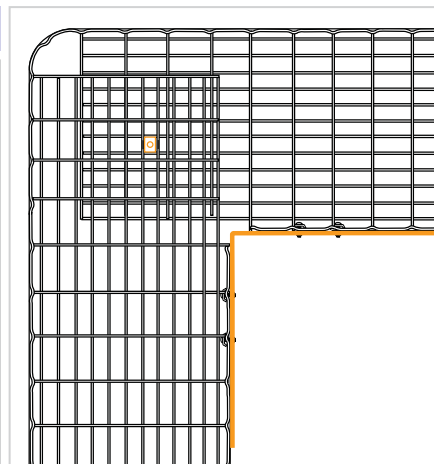
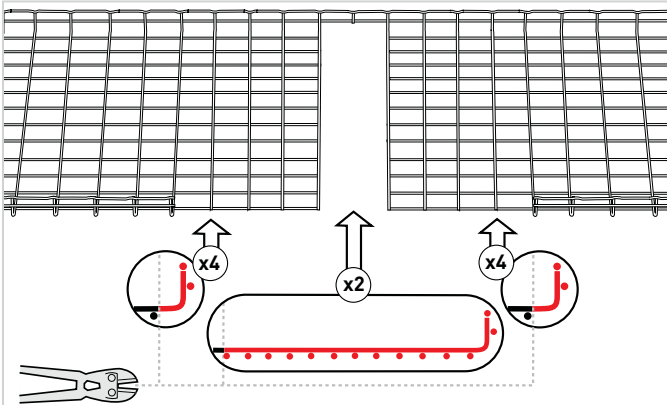
18" (450 mm)



20" (500 mm)

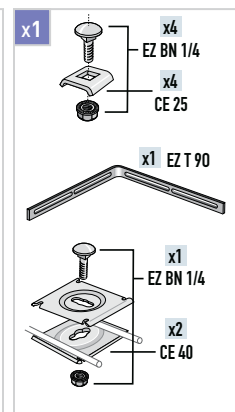
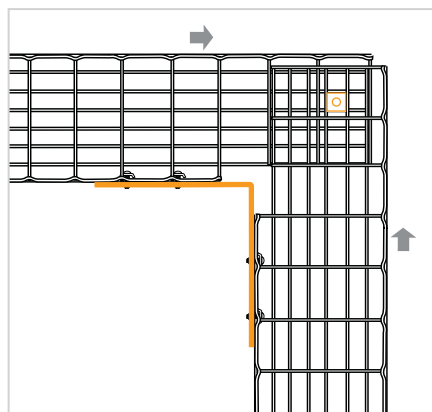
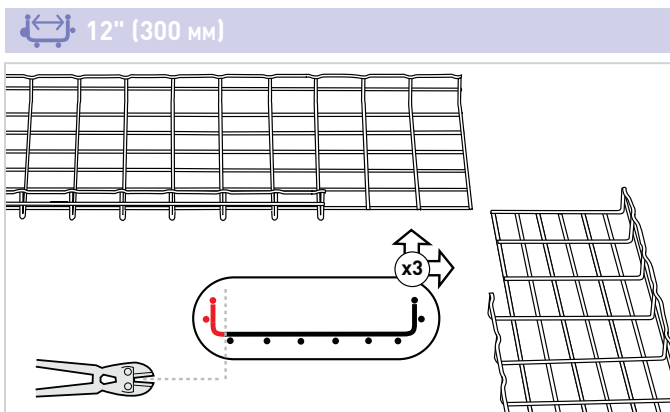
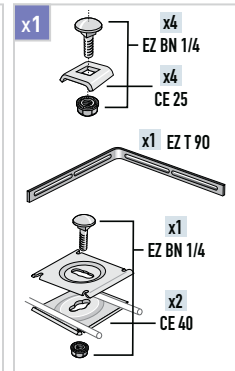
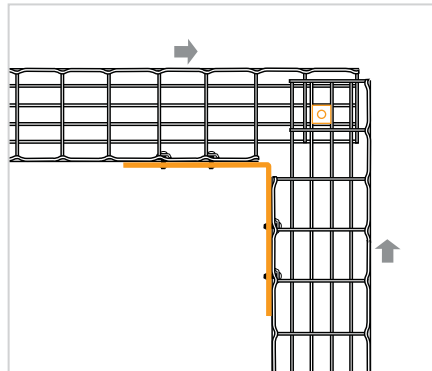
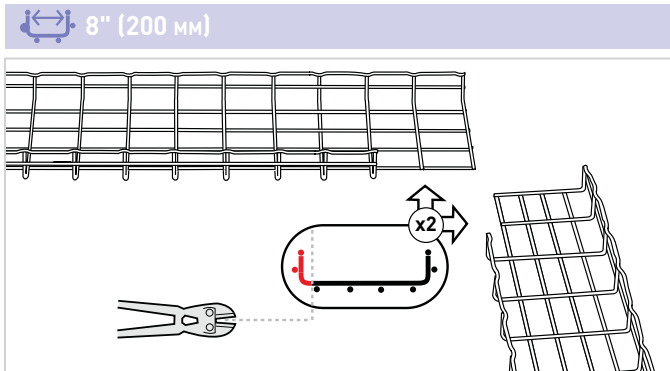
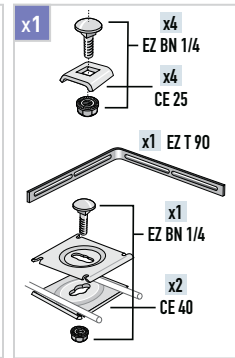
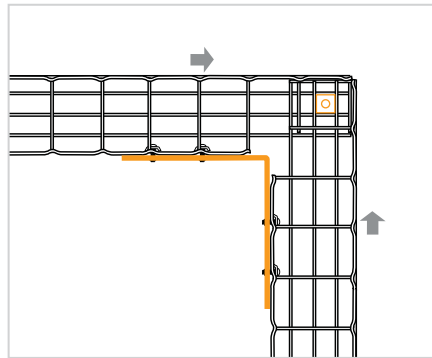
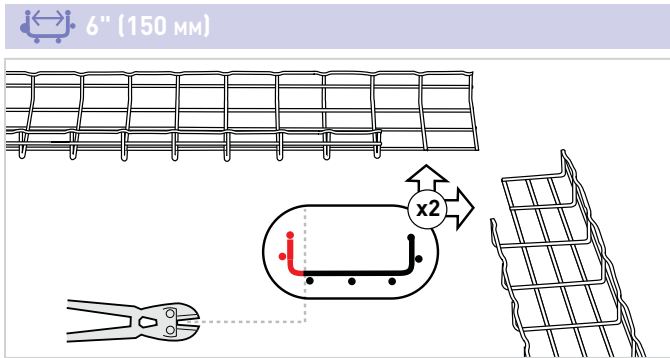
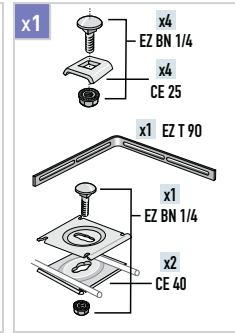
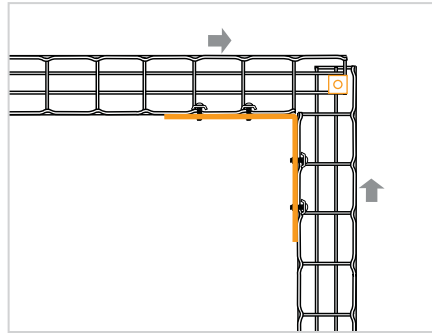
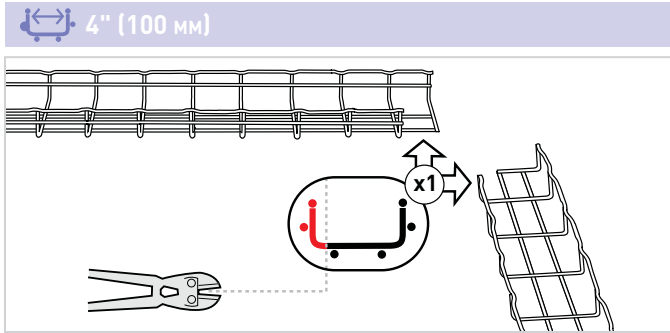
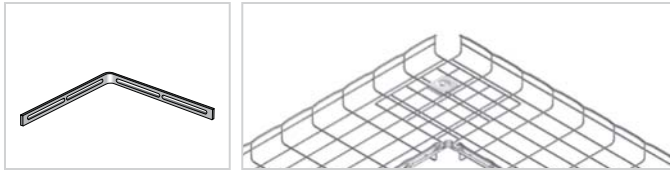


24" (600 mm)



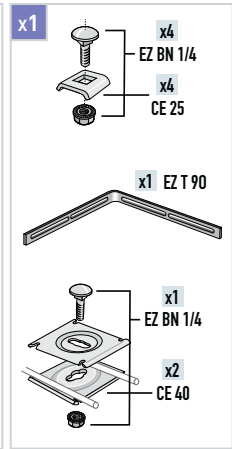
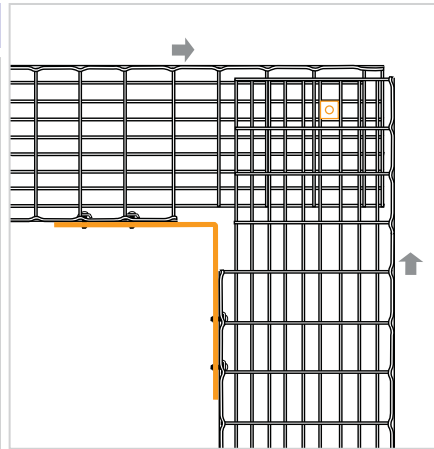
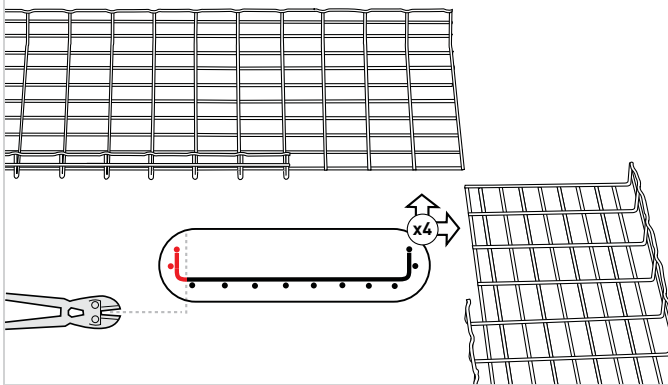
## 90° JUNCTIONS EZ T 90 KIT

One EZ T 90 KIT will make two 90° Junctions.  
For complete kit description, see page 19.

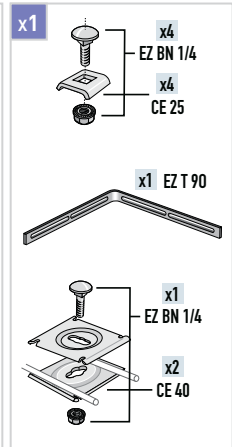
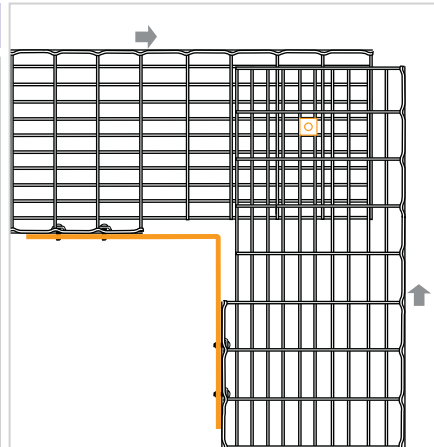
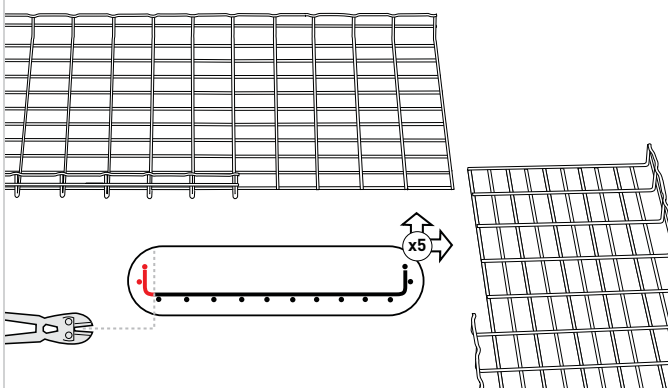


WIRE MESH TRAY

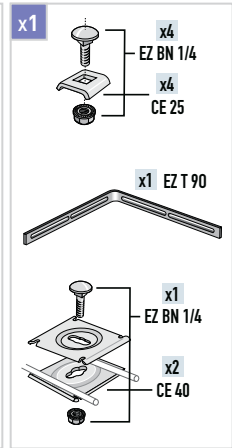
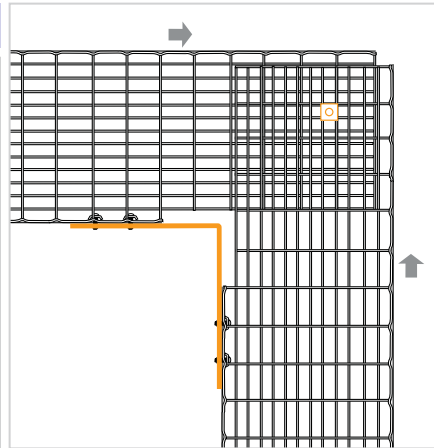
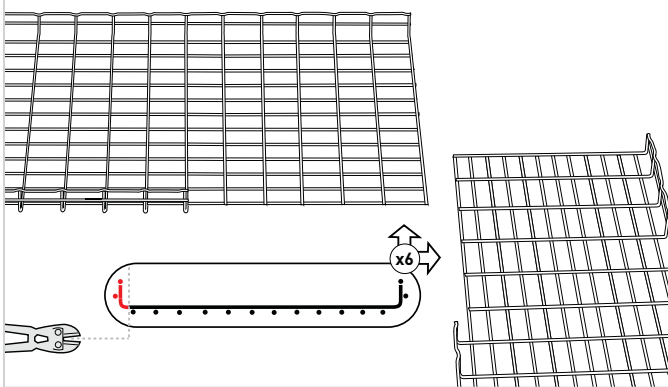
18" (450 mm)



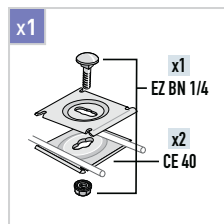
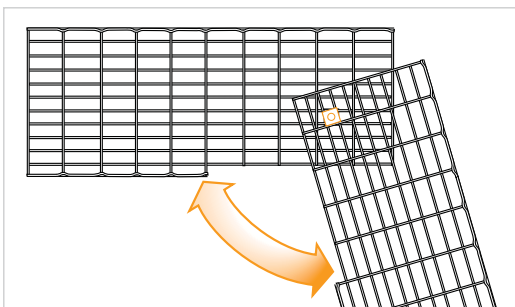
20" (500 mm)



24" (600 mm)

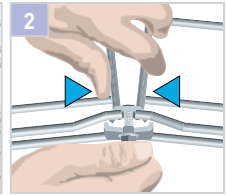
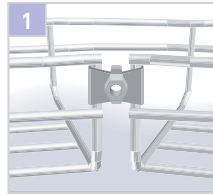
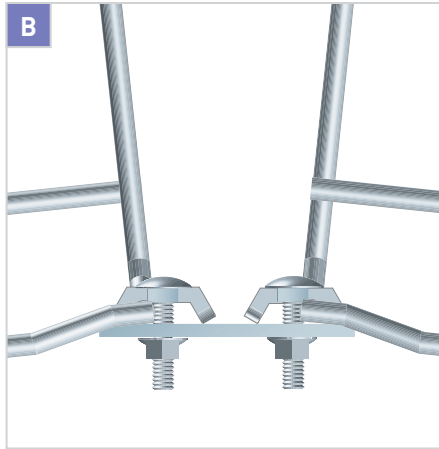
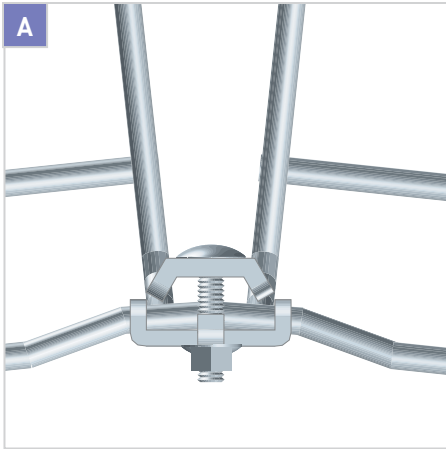


OTHER THAN 90° JUNCTIONS



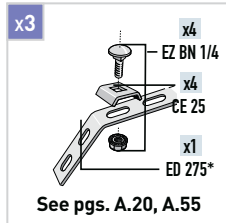
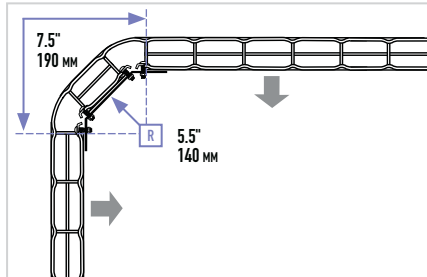
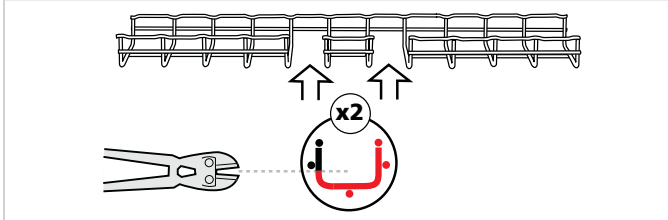
**SWEEPS**

SWK & EZ BN 1/4 / CE 25 / ED 275

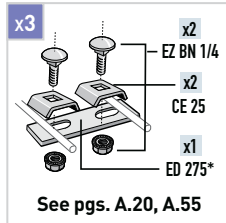
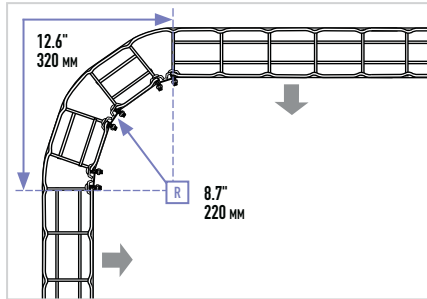
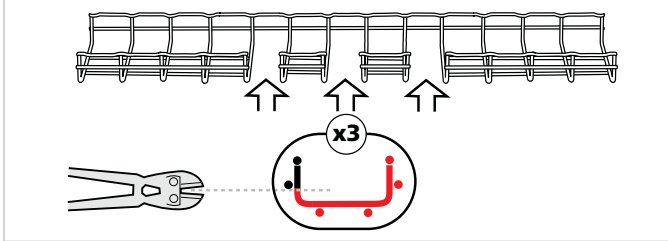


- Sweeps can be formed easily on site by cutting some of the side and bottom wires. Use the SWK method to secure desired curve.
- Always place bolt heads to inside of tray to prevent frayed wires.
- Use bolt cutters to fabricate this part from ED275.

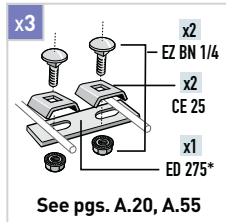
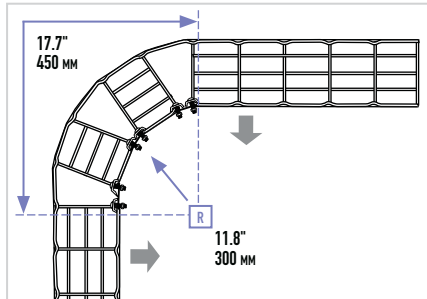
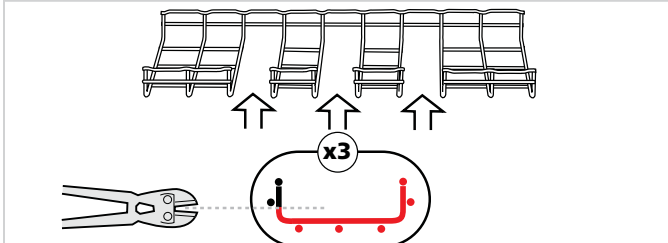
2" (50 mm)



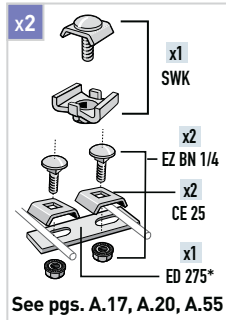
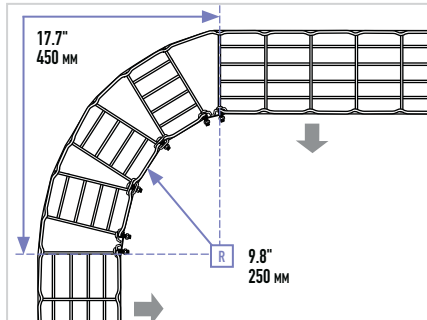
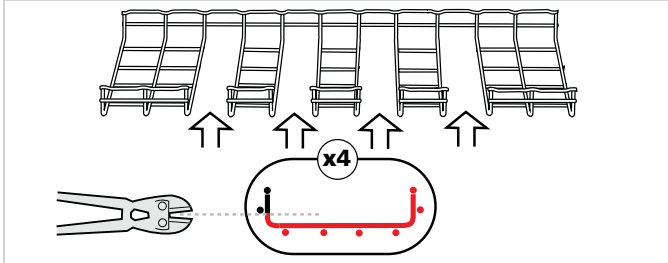
4" (100 mm)



6" (150 mm)

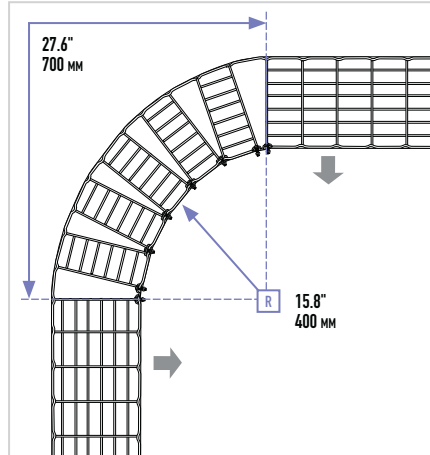
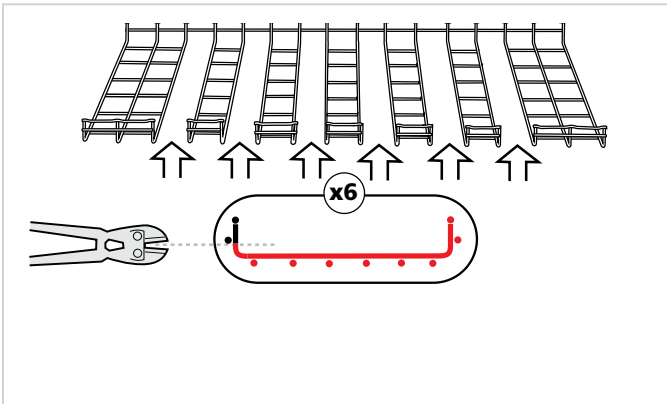


8" (200 mm)



WIRE MESH TRAY

12" (300 mm)



x4

x1 SWK

x2 EZ BN 1/4

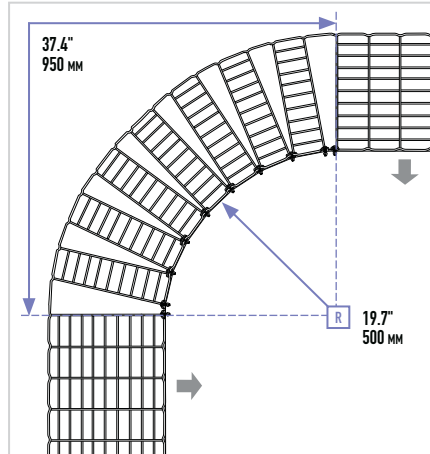
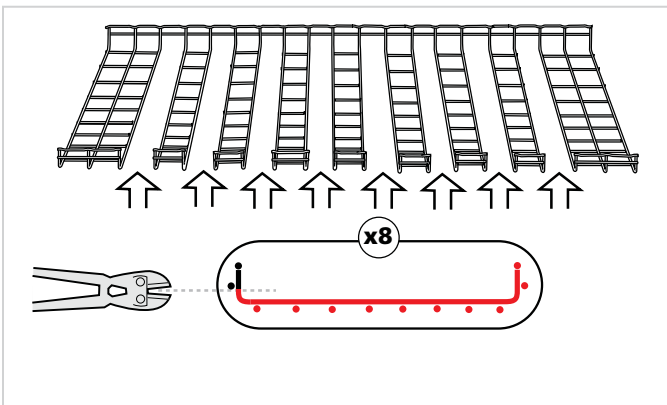
x2 CE 25

x1 ED 275\*

See pg. A.17

See pgs. A.20, A.55

18" (450 mm)



x6

x1 SWK

x2 EZ BN 1/4

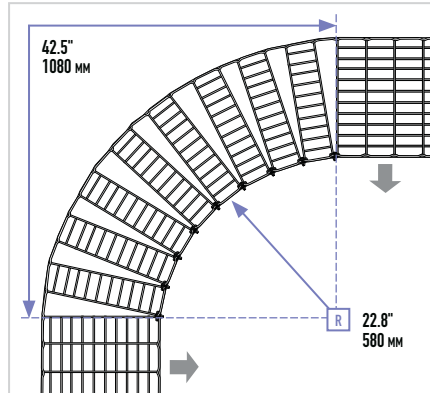
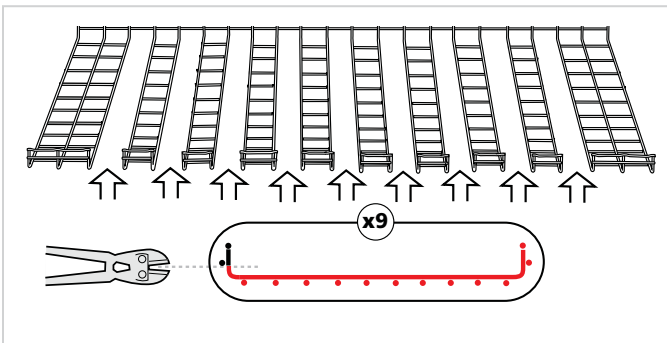
x2 CE 25

x1 ED 275\*

See pg. A.17

See pgs. A.20, A.55

20" (500 mm)



x9

x1 SWK

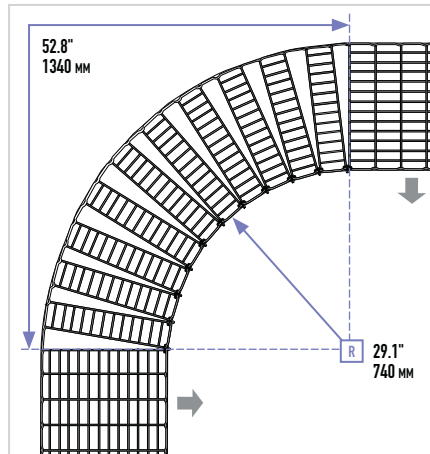
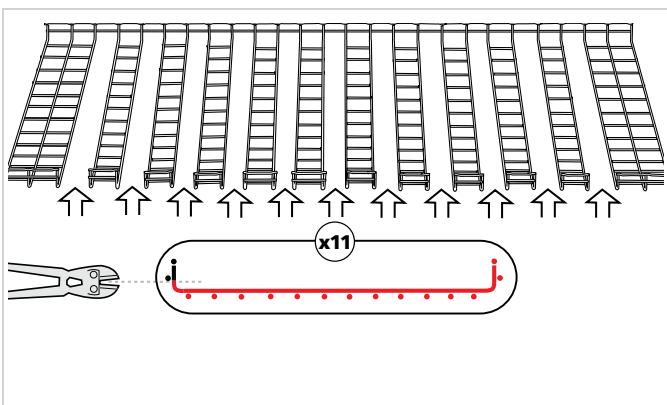
x2 EZ BN 1/4

x2 CE 25

x1 ED 275\*

See pg. A.17

24" (600 mm)



x11

x1 SWK

x2 EZ BN 1/4

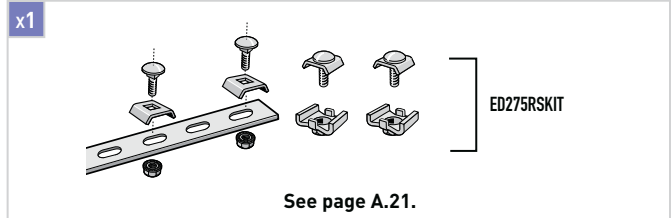
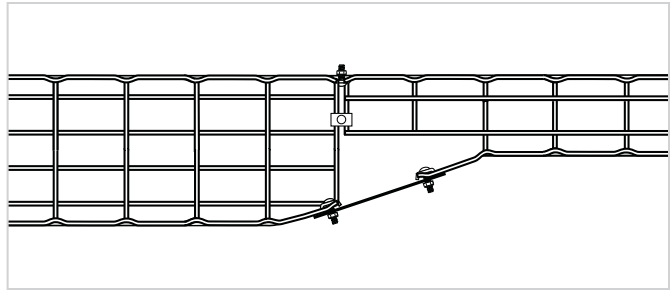
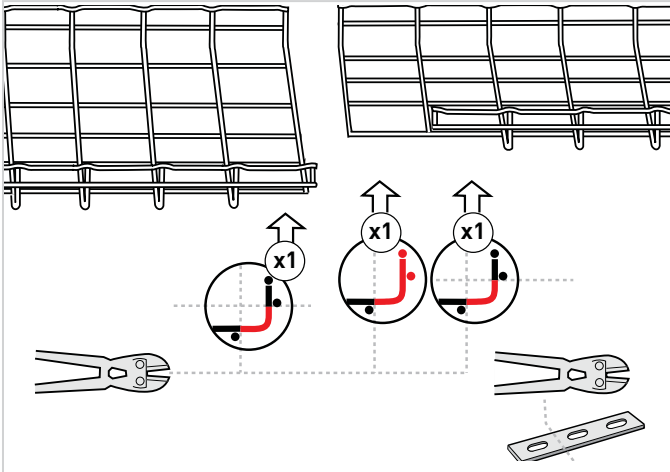
x2 CE 25

x1 ED 275\*

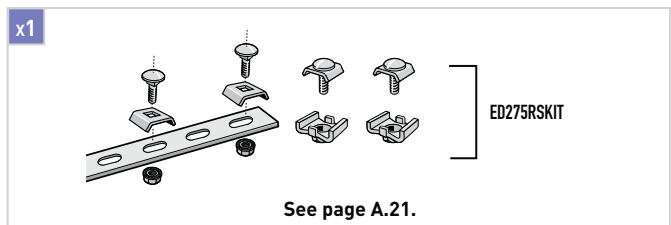
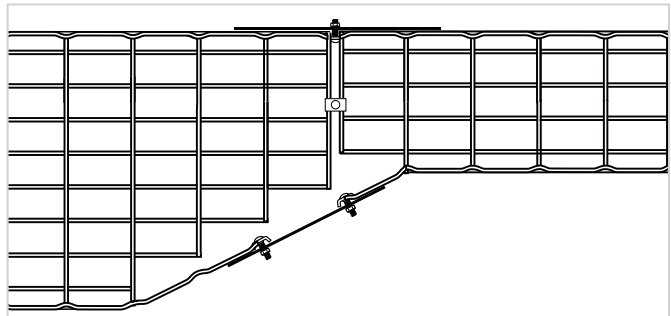
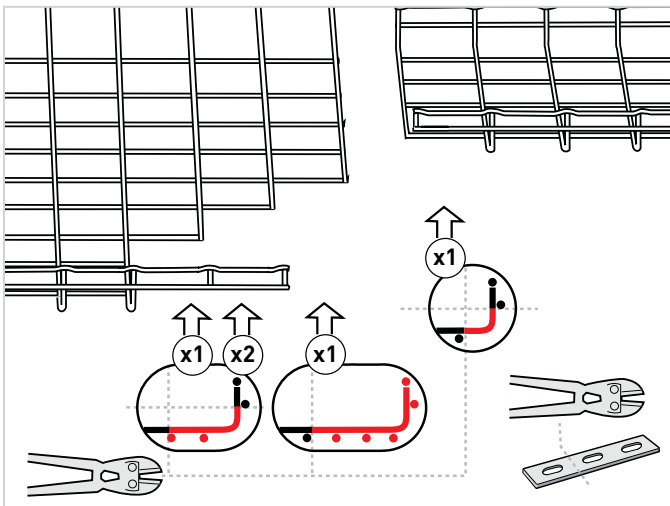
See pg. A.17

# REDUCTIONS

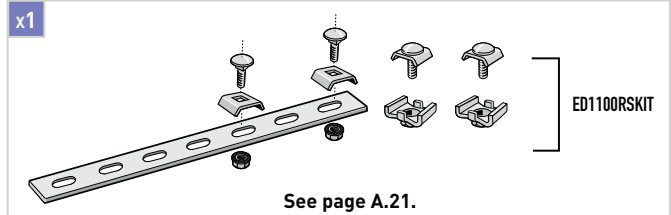
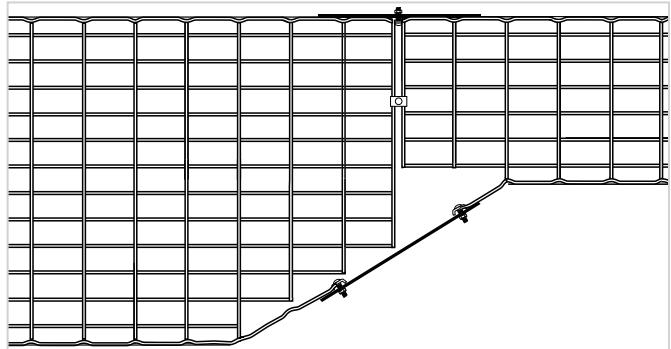
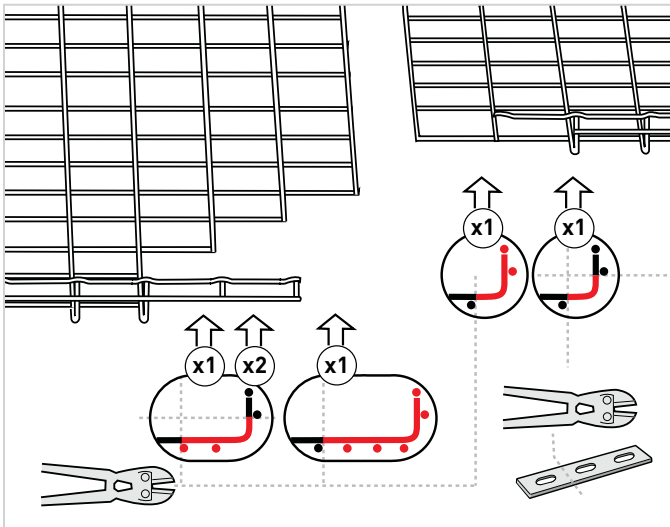
4" (100 mm)



8" (200 mm)

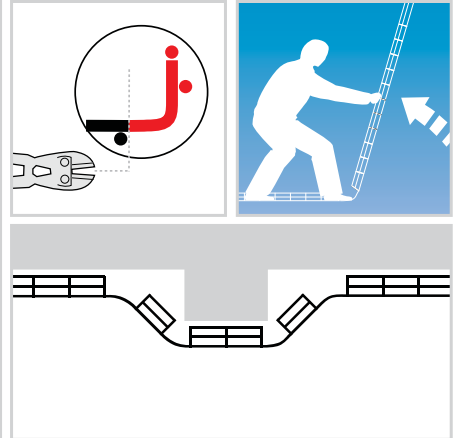
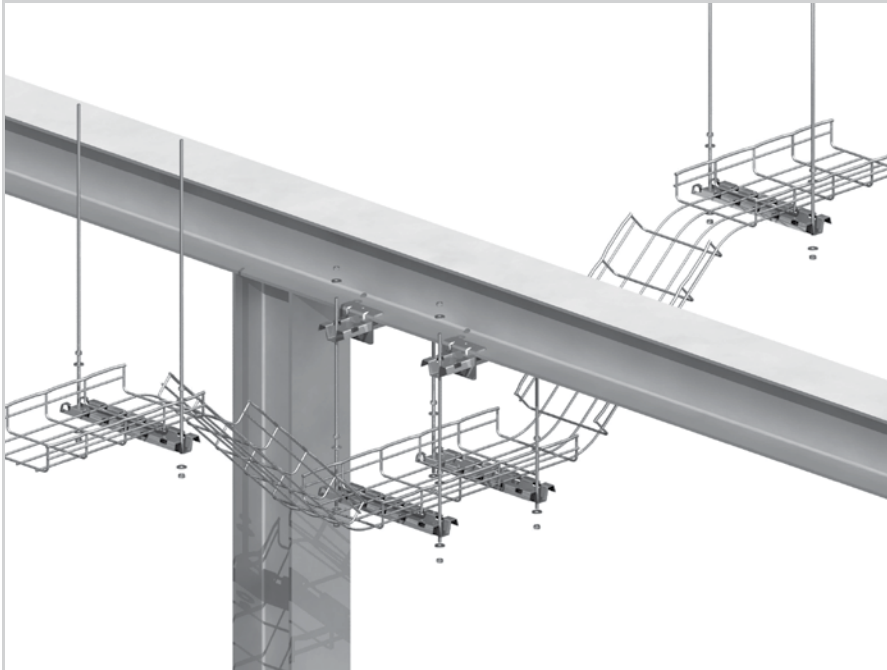


12" (300 mm)



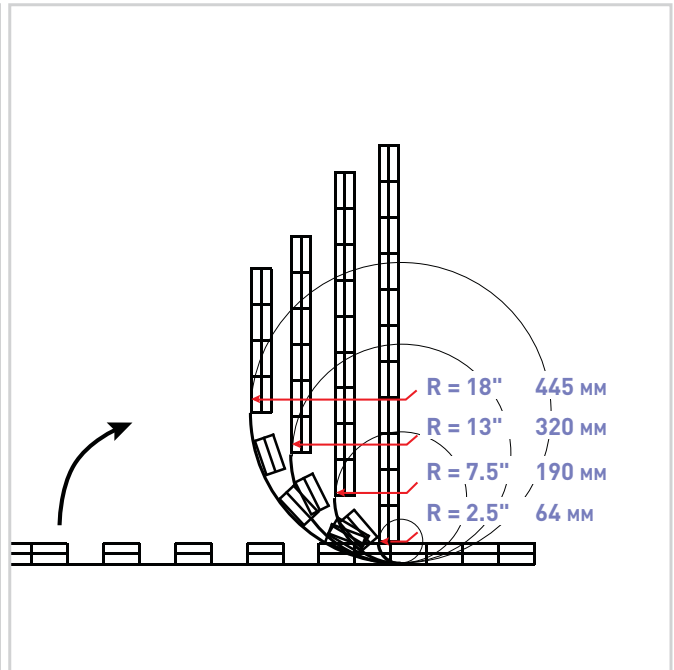
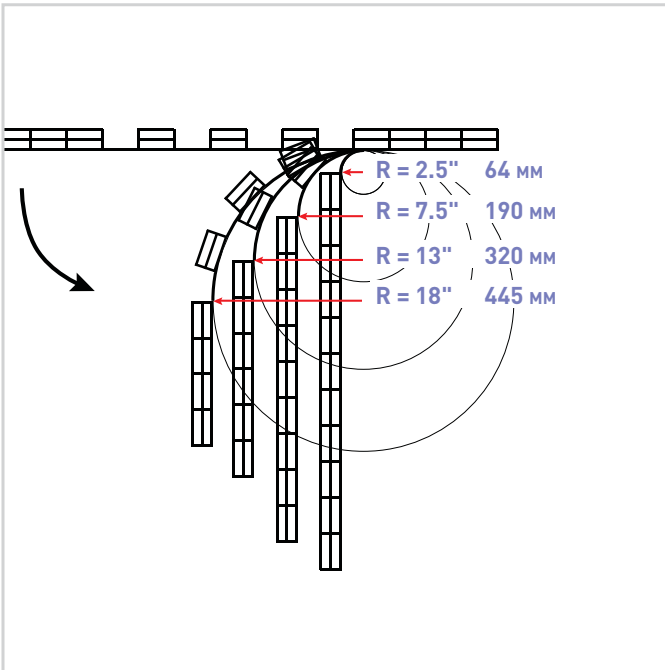


## CHANGING LEVELS



To avoid obstructions or change levels, cut the side wires as shown and bend Cablofil tray to the angles needed.

## CUTTING AND BENDING





**PW** LADDER TRAY  
TABLE OF CONTENTS

INTRODUCTION

PAGES B.1-B.13

LADDER TRAY, TROUGH  
& SOLID BOTTOM

PAGES B.14-B.79

- ITRAY PAGES B.16-B.31
- METALLIC PAGES B.32-B.69
- FIBERGLASS PAGES B.70-B.79

CABLE RUNWAY

PAGES B.80-B.85

# PW LADDER TRAY

## Built to Handle the Load

### QUALITY AND INNOVATION FOR OVER 60 YEARS.

Cable tray, introduced in the mid 1940's, has proved to be a very efficient cable management solution. It provides system flexibility and expandability with substantial savings in installation labor and material costs. For more than six decades the PW brand has played a leadership role in the cable tray industry, providing advanced cable management solutions.



Our latest innovation is Itray. It's aluminum cable tray that has been redesigned with stronger side rails and faster splicing options to streamline the engineering, purchasing and installation of cable tray. And continue to look to PW cable management to support extremely heavy cabling and bridge roadways, our exclusive long span/heavy duty cable tray is designed with up to 10" I-beam side rails that can span up to 50' and meet exacting industry and load standards.

Legrand continues to provide contractors and end users with the specific products they need — from standard designs to custom-built products. With our national distribution partnerships and our manufacturing facilities in North America, we are perfectly positioned to supply any sized project — offering excellent service with the best lead times in the industry.

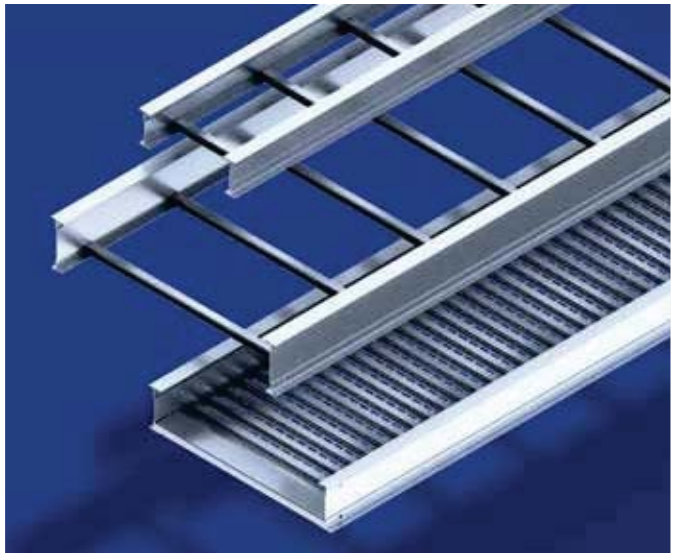
# PW LADDER TRAY SYSTEMS



## NEW ITRAY ALUMINUM LADDER, TROUGH AND SOLID BOTTOM SYSTEMS

Itray is the newest addition to the PW Line of cable tray products. It was designed to streamline the engineering, purchasing and installation of cable tray. Itray replaces our current "C" aluminum 4" to 7" side rail height cable tray line.

Itray's patent-pending, all-aluminum construction features a space saving I-beam design, a side rail engineered with structural offsets and a matching splice. The I-beam design minimizes total tray width and creates a smooth transition between straight sections and fittings. And Itray splices reduce hardware needs by 50%. These features allow Itray to be installed up to 30% faster than standard tray.



## SPLICING MADE EASY

The Itray structural offset side rail and splice design creates a patented splice that is easy to install and strong enough for **mid-span splicing** while maintaining a full NEMA load class. Mid-



Patent Number – 9.209.609

span splicing significantly lowers overall labor costs by simplifying the design process, reducing the number of splices needed and eliminates extra supports needed at spliced tray sections. For splice fabrication, the Itray splice snaps in place holding both Itray sections while the installer inserts and tightens the four bolts that are

required. Itray's all aluminum construction features a space saving I-beam design, a side rail engineered with structural offsets and a matching splice. The I-beam design minimizes total tray width and creates a smooth transition between straight sections and fittings. And Itray splices reduce hardware needs by 50%. These features allow Itray to be installed up to 30% faster than standard tray.

## STRONGER I-BEAM RUNG DESIGN



Itray also features the strongest rungs in the industry. It's I-beam design reduces twist and deflection under load and heavier I-beam rungs are standard on wider tray without special order.

## SMOOTHER FINISHED INSTALLATIONS

Itray straight sections and fittings match perfectly creating a smooth side rail edge for a natural cable pathway that makes pulling cable easier and with less chance of damage to the cable sheath. Itray features



a 3" tangent that follows industry standards and the symmetric side rail design allows smooth ceiling to wall transitions without the need for field fabrication. Transition splices are available for older, existing installations.



VIEW THIS VIDEO FOR A COMPLETE PRESENTATION ON ITRAY



## METALLIC AND FIBERGLASS LADDER, TROUGH AND SOLID BOTTOM SYSTEMS

PW cable tray is a fabricated structure consisting of two side rails connected by individual rungs or bottom. Side rails are 4" to 10" high. Widths are 6" to 36". Bottom options include Ladder, Vented Corrugated Bottom, Solid Corrugated Bottom, and Flat-Sheet Solid Bottom designs.

A wide range of load and span designations are available for every possible application, from trays for commercial use where spans over 8' are required, to trays for longer spans required in industrial applications. Also available are trays built for extremely long spans – up to 50' – for special applications like roadway crossings and pipe bridges.

Our product line includes trays, fittings, covers, firewall penetration sleeves, and other accessories. These products are available in hot-dipped galvanized steel. For extremely corrosive applications we have product lines in 304 and 316 stainless steel or polyester and vinylester fiberglass.



## CABLE RUNWAY

Cable Runway is available in a lightweight version with tubular side rails and a solid bar side rail option for maximum support strength. Both styles have tubular steel rungs. Commonly used in telecommunication, voice, and data applications, runway is typically mounted directly above or to computer racking systems, enclosures, and relay rack cabinets. Cable Runway is available in yellow-zinc dichromate as required for UL Classified installations as an equipment ground conductor, and a range of powder-coated finishes.

# PW LADDER TRAY

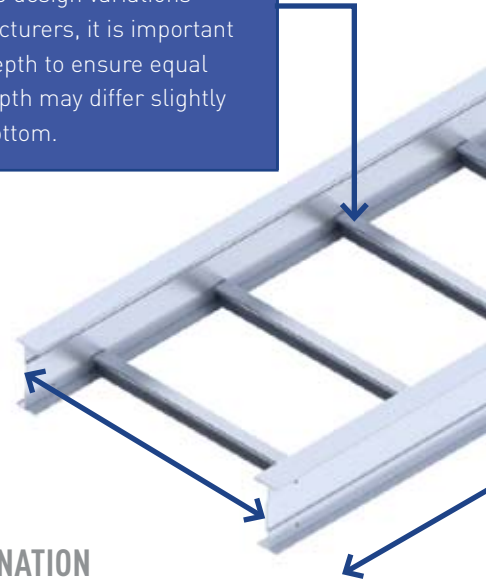
## Understanding Our Products

### TRAY OPTIONS

It is essential to consider the type and quantity of cables to be installed in the cable tray when planning your project. Refer to Article 392 of the National Electrical Code (NEC) for guidelines on calculating the cable tray depth and width.

**LOAD DEPTH:** Interior depth of the cable tray that is available for cable fill. Specifications for cable trays should include a specific requirement for the tray load depth. Due to design variations between different manufacturers, it is important to specify an exact load depth to ensure equal performance. The load depth may differ slightly based on choice of tray bottom.

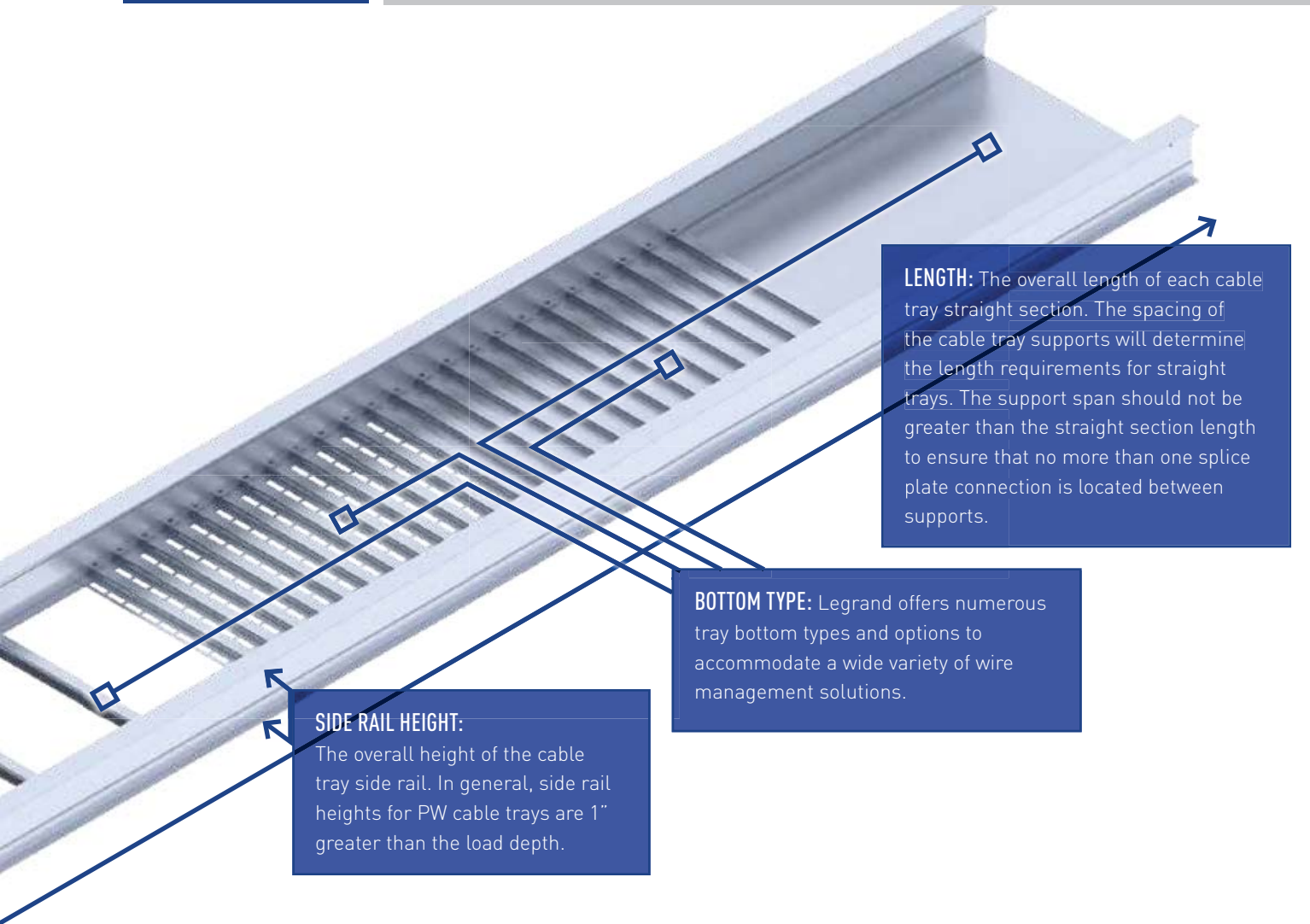
**WIDTH:** Interior width of the tray or channel that is available for cable fill.



### LOAD/SPAN CLASS DESIGNATION

**THE LOAD/SPAN CLASSIFICATION** describes the cable tray's load-carrying capability for a specific support span. A classification should be selected that reflects the actual working load and support span for each application. This designation directly affects the cost of the tray, so the proper selection is essential to determine the most economical cable tray system necessary for each project. Please consult with Legrand for working loads and support spans that fall outside the boundaries of the Load/Span Classes shown.

**CONCENTRATED STATIC LOAD:** In addition to an evenly distributed cable load, it is occasionally required that the cable tray system be capable of supporting a concentrated static load. A concentrated static load represents a static weight applied on the centerline of the cable tray at midspan. The concentrated static load in lbs. may be converted to an equivalent uniform load (We) in lbs./ft., using the following formula, and added to the static weight of cables in the tray. A NEMA Load Class can then be selected that reflects the combination of the cable load and converted static load.



**LENGTH:** The overall length of each cable tray straight section. The spacing of the cable tray supports will determine the length requirements for straight trays. The support span should not be greater than the straight section length to ensure that no more than one splice plate connection is located between supports.

**BOTTOM TYPE:** Legrand offers numerous tray bottom types and options to accommodate a wide variety of wire management solutions.

**SIDE RAIL HEIGHT:** The overall height of the cable tray side rail. In general, side rail heights for PW cable trays are 1" greater than the load depth.

$$W_e = \frac{2 \times (\text{concentrated static load, lbs.})}{\text{support span length, ft.}}$$

*Example:* A 200 lb. concentrated load is to be applied to a cable tray that is supported on a 12 ft. support span. Using the formula above, the equivalent uniform load  $W_e = 2 \times 200 / 12 = 33$  lbs. per linear foot. This should be added to the anticipated cable load to determine the appropriate Load/Span Class for the cable tray.

*Note:* To accommodate concentrated loads, some circumstances may require cable trays to have reinforced side rails or bottom members. Therefore, it is recommended that you consult with Legrand when considering concentrated loads or any other special cable tray loading requirements.

LOAD/SPAN CLASS DESIGNATIONS				
WORKING LOAD lbs/ft (kg/m)	SUPPORT SPAN, ft. (m)			
	8 ft. (2.4 m)	10 ft. (3.0 m)	12 ft. (3.7 m)	20 ft. (6.0 m)
25 (37)	—	A	—	—
45 (67)	—	—	—	D
50 (74)	8A	—	12A	20A
65 (97)	—	C	—	—
75 (112)	8B	—	12B	E or 20B
100 (149)	8C	—	12C	20C
120 (179)	—	D	—	—
200 (299)	—	E	—	—

**WORKING LOAD:** Total load of cables installed and uniformly distributed in the cable tray.

**SUPPORT SPAN:** Maximum distance between cable tray supports.

**CLASSES 8, 12, 20 / A, B, C:** NEMA designations, published by the National Electrical Manufacturers Assoc. in Standard VE1.

**CLASSES A, C, D, AND E:** CSA designations, published by the Canadian Standards Association in Standard C22.2, No. 126.

# PW LADDER TRAY

## FITTINGS, ACCESSORIES AND HARDWARE

A complete cable tray system includes fittings, accessories, supports, and hardware. Consider the following components when designing a cable tray system:

**FITTING RADIUS:** The nominal bend radius for fittings should not be less than the minimum allowable bending radius for the cables to be installed in the tray. Cable manufacturers typically publish the minimum bending radius as a multiple of the cable diameter.

**EXPANSION CONNECTORS AND SUPPORTS:** It is important to consider thermal expansion and contraction in the cable tray system, especially for outdoor applications. NEMA Standards Pub. VE2 addresses the proper installation and spacing of expansion connectors, expansion guides, hold down clamps, tray supports, and bonding jumpers.

**COVERS:** Cable tray covers are often needed to contain and protect tray contents. Carefully select a specific cover design and specify the proper attachment hardware needed for indoor, outdoor, or vertical installations.

**DIVIDERS:** In some applications, the NEC requires the use of tray dividers to separate cables. Multiple dividers can also easily help manage complex wiring systems.

**GROUNDING:** All aluminum and galvanized steel cable trays manufactured by Legrand are classified by UL as equipment grounding conductors with specific ampere ratings per NEC 392. To maintain electrical continuity, bonding jumpers should be installed at mechanically discontinuous locations and sized in accordance with the rating of the cable tray system.

**HARDWARE:** Screws, nuts, bolts, etc. for assembling cable tray connectors and accessories are normally provided in zinc plated or geomet steel, adequate for most applications. Some moist, outdoor, or corrosive environments may require the use of stainless steel hardware for better performance. All PW cable tray connectors and most accessories are available with optional Type 316 stainless steel hardware.

# Ordering

## Our Products

### MATERIALS

The selection of cable tray material depends on many factors including environmental conditions, corrosion resistance, aesthetics, and material handling.

		DRY INTERIORS	EXTERIORS	CORROSIVE	HIGHLY CORROSIVE	FASTENER FINISHES
<b>A</b>	ALUMINUM; MARINE GRADE; COPPER FREE ALLOYS 6063-T6, 5052-H32 & 3003	●	●			ZN GE S6
<b>M</b>	MILL GALVANIZED STEEL (Before Fabrication) ASTM A653 G90	●				ZN GE
<b>Z</b>	ELECTRO-GALVANIZED STEEL ASTM B633 SC2	●				ZN GE
<b>G</b>	HOT-DIP GALVANIZED STEEL (After Fabrication) ASTM A123		●	●		GE S6
<b>L</b>	STAINLESS STEEL AISI Type 304L			●		S4 S6
<b>T</b>	STAINLESS STEEL AISI Type 316L			●	●	S6
<b>F</b>	FIBERGLASS ASTM E-84 Class 1				●	S6 FG
<b>PE</b>	SPECIAL FINISHES ASTM D3451 (for powder paint only)	●	●	●		
<b>C</b>	COPPER					
<b>N</b>	NYLON					
<b>V</b>	VINYL					

● Recommended ● Possible



## METALS

PW from Legrand, a pioneer in the development of cable trays, first made a complete study of the metals available in order to create those systems that would be unmatched in economy and strength. Inherent are the problems connected with the environment and its effect on the life of metals, including weathering and corrosion by electro-chemical and chemical attack.

### **G** Steel – Hot-Dip Galvanized After All Fabrication and Welding

Commercial quality steel is used for this type of coating, which is described below. This steel is either hot rolled, pickled and oiled, or cold rolled, mild carbon steel.

### **M** Steel – Mill Galvanized (Pre-Galvanized)

Where heavy zinc coating is not necessary, steel with a continuous hot rolled zinc coating conforming to ASTM specification A653 designation G90 is used. Products made with mill galvanized steel are generally lower in cost than the same products that are hot dip galvanized after fabrication. However, see the limitations under “Finishes” later on this page.

### **L T** Stainless Steel

18-8 stainless steel type 304 and marine-grade type 316 is available for most PW products. Certain products such as raceway push clips, Stack-A-Tube yoke clamps, and some hardware items are made only from 18-8 stainless steel. Stainless steel components are compatible for use with hot dip galvanized, mill galvanized, and aluminum products. Complete cable tray systems can be furnished in stainless steel.

### **A** Aluminum Alloys

The principal aluminum used for tray side rails, rungs, and channels is extruded, copper-free alloy 6063-T6. This alloy is used for structural members where extreme stiffness and high tensile strength are mechanically required to resist high unit stresses. This is called a “magnesium alloy”.

Alloy 5052-H32 is used for components fabricated from sheet (except covers) such as connectors, blind ends, dropouts, etc. This is a “magnesium alloy”, copper free, and very compatible with alloy 6063-T6. This alloy possesses excellent characteristics for stamped and formed components.

Alloys 3003 and 3105 are used for aluminum covers. These alloys are very compatible with alloys 6063-T6 and 5052-H32.

### **GE** Geomet

As a part of a sustainability initiative, Legrand has been replacing all cadmium-coated parts in its PW product line with Geomet coatings. It is a higher quality alternative to cadmium-coated parts exhibiting equal corrosion-resistant characteristics and mechanical benefits in outdoor installations. Geomet is a thin coating best suited for fasteners and threaded parts requiring high corrosion resistance and conforms to ASTM F1136. It's resistant to mechanical damage, performs at temperatures up to 300°C and features a silver metallic finish.

Geomet is a cost-effective alternative to stainless steel hardware and is recognized by industry experts as a premium alternative to Hot-Dipped Galvanized or other ZN-AL coatings. Geomet is chromium-free, contains no toxic metals and has been approved by the EPA, OSHA and is RoHS compliant. It is a water-based coating that improves worker safety and contains no harmful VOCs.

## FINISHES

### **Steel – Hot-Dip Galvanized After All Fabrication and Welding:**

This high-quality coating is created in a multi-step process and applied to the completed product after all fabrication and welding. First the steel is cleaned by immersing it in a caustic dip tank, then pickled, and finally washed. The article is then dipped into a molten zinc bath. All surfaces are thoroughly coated. Hot dip galvanizing after all fabrication and welding is done on PW products in accordance with ASTM Specification A123. This coating, applied to steel trays, provides greatest protection at lower cost.

Due to the high temperatures associated with the hot dip process, some warping of the metal is common. This occurs most frequently with products having large, flat surfaces such as covers. To minimize warping, PW uses thicker sheet metal for covers. This does reduce warping, but does not eliminate it.

### **Mill Galvanized (Pre-Galvanized)**

This coating is applied onto steel sheets at the mill in accordance with ASTM Specification A653 and results in a coating thickness of 0.90 ounces per square foot total for both sides. This coating adheres tightly to the base metal at bends and compound curves. Being a hot dip coating prior to tray fabrication, and of a controlled thickness about one-third that of hot dip galvanized after fabrication, it is not generally used outdoors. It is not recommended for areas where there is a concentration of moisture and/or chemical deposits. This material gives excellent service in dry, normal, or controlled atmospheres.

### **Some Helpful Hints On Which Zinc Coating To Select**

1. Protection of the base metal is directly proportional to the zinc coating thickness. Hence, thicker coating means longer life. At sheared or punched locations, zinc on mill galvanized steel is wiped down over approximately  $\frac{1}{3}$  of the metal thickness giving some sacrificial protection in the presence of an electrolyte. On hot dip galvanized after fabrication, all edges are coated but the original cost is higher.
2. The edges of holes in mill galvanized steel will have no coating; however, a small sacrificial protection is afforded by the top and bottom surfaces of the sheet. The hot dip galvanized comment above applies here.
3. If moisture and drippings accumulate, consider hot dip galvanized after fabrication to avoid premature deterioration at those locations.
4. Covers are typically made from mill galvanized steel in order to avoid the poor appearance caused by severe warping of such large flat surfaces when hot dip galvanized after fabrication.

### **Other Coatings**

Occasionally, other highly special coatings are required such as powder coating, epoxy painting, standard painting, primer paint, and others. Legrand engineers are available for consultation on these coatings and their application to PW trays.

# THERMAL CONTRACTION AND EXPANSION

## Expansion Splice Plate Installation

It is important that thermal contraction and expansion be considered when installing cable tray systems. The length of the straight cable trays runs and the temperature differential govern the number of expansion splice plates required (see Table 1).

Proper operation of the expansion splice plates depends upon correct placement of the tray supports, hold down clamps and expansion guides as shown.

**Hold Down Clamps** should be used at the support point nearest to the midpoint between expansion gaps.

**Expansion Guide Clamps** should be used at all support points other than the midpoint. These clamps should be installed in such a way to allow the tray to slide freely under the clamp when thermal contraction and expansion takes place.

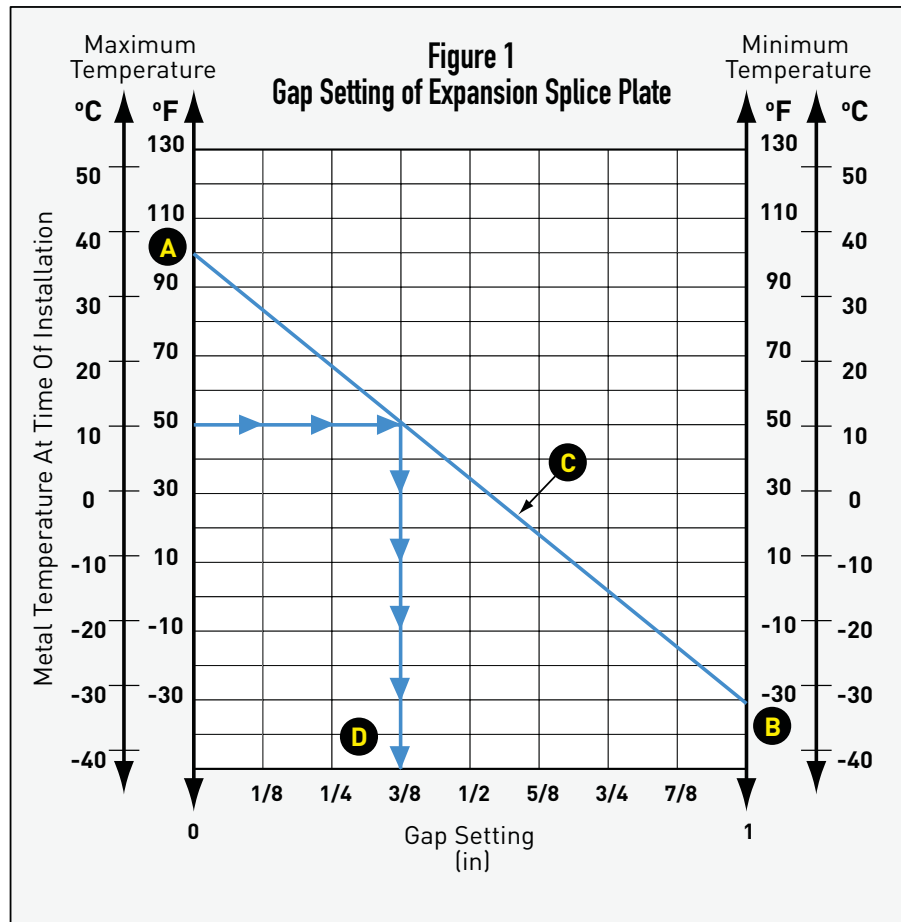
Supports with expansion guide clamps should be located within 24" of each side of expansion splice plates.

**Accurate gap settings** between trays at the expansion joint at the time of installation are necessary for the proper operation of the expansion splice plates. Use the following procedure to determine the correct gap setting:

- A** Determine what the maximum temperature will be at the installation location and plot this point on the graph on the max. temp line. (Example value = 100)
- B** Determine what the minimum temperature will be at the installation location and plot this point on the graph on the min. temp line. (Example value = -30).
- C** Draw a line between the maximum and minimum points.
- D** At the time of installation, determine the air temperature. (Example = 50). Plot this point on the line drawn between the maximum and minimum temperatures to determine the correct gap setting at the expansion plate. (Example = 3/8").

Table 1

TEMPERATURE DIFFERENTIAL		MAXIMUM SPACING BETWEEN EXPANSION JOINTS FOR 1" MOVEMENT (FT.)					
°F	°C	A	M	G	L	T	F
25	14	260					667
50	28	130					333
75	42	87					222
100	56	65					167
125	70	52					133
150	83	43					111
175	97	37					95



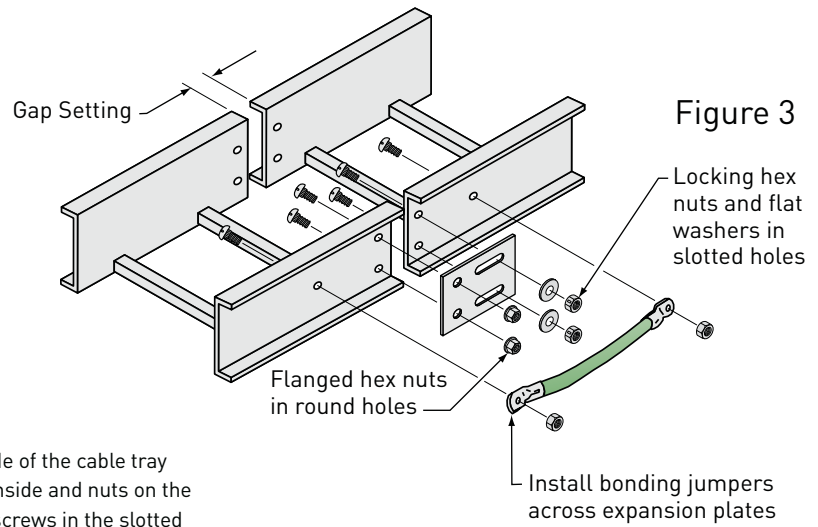
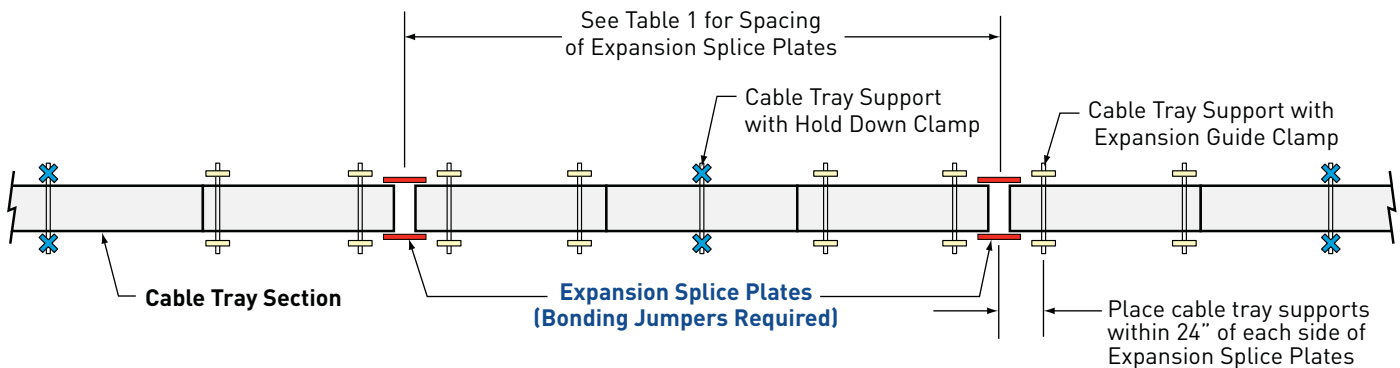


Figure 3

Expansion splice plates should be placed on the outside of the cable tray on both side rails. The screw heads should be on the inside and nuts on the outside of the cable tray. Tighten the lock nuts on the screws in the slotted holes just a few turns, allowing the bolt to move freely in the slot.

Figure 2  
Expansion Connector Installation Locations

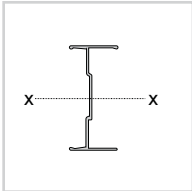
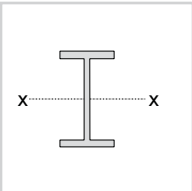


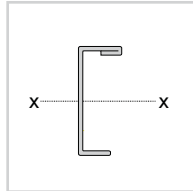
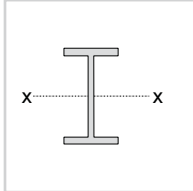
**✕ Hold Down Clamp Locations**  
Anchor the tray with hold down clamps at the one support point that is nearest the midpoint between expansion gaps.

**═ Expansion Guide Locations**  
Install expansion guide clamps at all tray support points other than the midpoint.

## LADDER TRAY SIDE RAILS

The mechanical properties of cable tray side rails for straight tray sections are shown for all standard systems. Side rails used for fittings may have slightly different dimensions since they must be suitable for bending into curved sections. Fitting side rails are designed to meet or exceed the loading requirements of the straight tray sections with which they are used when supported per NEMA VE2 installation guidelines. Although the cross-sectional dimensions of the fitting side rails may be slightly different than the straight section side rails, all aspects of fitting design are in accordance with NEMA VE1 requirements. Please contact Legrand for detailed information on fitting side rails.

 <b>ITRAY I-BEAM</b> <span style="background-color: #e91e63; color: white; padding: 2px;">A</span>				
RAIL HEIGHT (IN.)	NEMA CLASS	PRODUCT NUMBER	$I_x$ MOMENT OF INERTIA (IN. <sup>4</sup> )	$S_x$ SECTION MODULUS (IN. <sup>3</sup> )
4	12B	4A12B	1.343	0.626
	12C	4A12C	1.418	0.646
	20B	4A20B	2.717	1.103
5	12C	5A12C	2.288	0.859
	20B	5A20B	3.344	1.146
6	12C	6A12C	3.993	1.182
	20B	6A20B	5.441	1.549
	20C	6A20C	6.380	1.836
	24C	6A24C	8.128	2.349
7	12C	7A12C	5.403	1.106
	20B	7A20B	7.675	1.896
	20C	7A20C	9.803	2.471
	24C	7A24C	12.092	3.005
 <b>I-BEAM</b> <span style="background-color: #e91e63; color: white; padding: 2px;">A</span>				
8	20C+	<span style="background-color: #2196f3; color: white; padding: 2px;">S2</span>	25.8053	7.1067
			26.3140	7.3722
10			70.3837	15.2789

 <b>C-CHANNEL</b> <span style="background-color: #8bc34a; color: white; padding: 2px;">G</span>				
RAIL HEIGHT	NEMA CLASS	SERIES	$I_x$ MOMENT OF INERTIA (IN. <sup>4</sup> )	$S_x$ SECTION MODULUS (IN. <sup>3</sup> )
4	12B	<span style="background-color: #ffc107; color: white; padding: 2px;">S1</span>	0.6214	0.3517
	12C, 16A		0.7417	0.4110
	20A, 16B	<span style="background-color: #2196f3; color: white; padding: 2px;">S2</span>	1.0593	0.5860
	20B, 16C		1.3781	0.7984
	20C		1.7934	1.0044
5	12B	<span style="background-color: #ffc107; color: white; padding: 2px;">S1</span>	1.0785	0.4796
	12C, 16A		1.2925	0.5645
	20B, 16C	<span style="background-color: #2196f3; color: white; padding: 2px;">S2</span>	2.3334	1.0632
	20C		3.1670	1.4398
6	12B	<span style="background-color: #ffc107; color: white; padding: 2px;">S1</span>	1.7047	0.6234
	12C, 16A		1.7873	0.6733
	20B, 16C	<span style="background-color: #2196f3; color: white; padding: 2px;">S2</span>	2.7718	1.0001
	20C		3.4185	1.2324
7	12B	<span style="background-color: #ffc107; color: white; padding: 2px;">S1</span>	2.5243	0.7830
	12C, 16A		2.6403	0.8411
	20B, 16C	<span style="background-color: #2196f3; color: white; padding: 2px;">S2</span>	4.0298	1.2366
	20C		4.9763	1.5260
 <b>I-BEAM</b> <span style="background-color: #8bc34a; color: white; padding: 2px;">G</span>				
8"	20C+	<span style="background-color: #2196f3; color: white; padding: 2px;">S2</span>	18.5	4.62
			30.8	7.81
10"			68.9	13.8

# RUNG DESIGNS

PW offers a wide range of rung design options for special load applications. Extremely heavy cable loads, concentrated static loads, and heavy snow or ice loads may require rungs with greater load capacities than standard designs. Rung substitutions are designated by suffixes added to the tray catalog numbers.

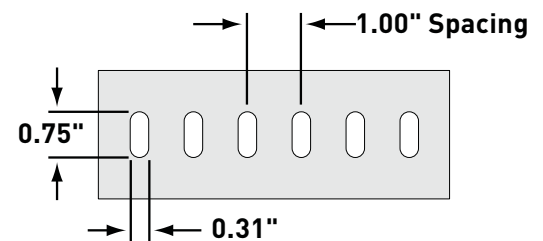
STANDARD RUNGS AND BOTTOMS - ALUMINUM <span style="float: right;">A</span>		
TYPE		USE
AL		I-BEAM RUNG, 1" DEEP STANDARD FOR MOST LADDERS UP TO 24" WIDE
AH		HEAVY I-BEAM RUNG, 1" DEEP STANDARD FOR MOST LADDERS 30" AND WIDER
SR		SLOTTED STRUT RUNG, 1 5/8" DEEP STANDARD FOR LONG-SPAN LADDER TRAY WITH SIDERAIL OF 8" OR LARGER
CA		CORRUGATED SHEET BOTTOM SOLID TROUGH
UPGRADE RUNG - ALUMINUM <span style="float: right;">A</span>		
ST		SLOTTED STRUT RUNG, 1" DEEP UPGRADE OPTION FOR LADDERS SEE BELOW FOR SLOT DETAIL

STANDARD RUNGS AND BOTTOMS - STEEL <span style="float: right;">G L T</span>		
TYPE		USE
HL HH		HAT RUNGS, SOLID STANDARD FOR LADDER TRAYS
BX BH		BOX RUNG, 1" DEEP STANDARD FOR LADDER TRAYS
RS		SLOTTED STRUT RUNG, 1 5/8" DEEP STANDARD FOR LONG-SPAN LADDER TRAY WITH SIDERAIL OF 8" OR LARGER
CS		CORRUGATED SHEET BOTTOM SOLID TROUGH NOT AVAILABLE IN STAINLESS STEEL
UPGRADE RUNG - STEEL <span style="float: right;">G L T</span>		
SU		SLOTTED STRUT RUNG, 1" DEEP UPGRADE OPTION FOR LADDERS SEE BELOW FOR SLOT DETAIL

## RUNG OPTIONS

### SLOTTED RUNGS

All PW cable tray metallic ladder systems are available with slotted strut rungs for cable ties. Slots are 0.75" long to accommodate stainless steel banding used in marine applications or any location where extra cable support requires the use of cable ties. Slotted strut rungs are provided with alternating slots up and down to allow for strut accessories to be used both inside the tray and below the cable area. Slotted rungs are designated by the suffix ST (aluminum) or SU (steel) added to the straight sections and fittings catalog numbers.



**1 SAFE LOAD/CABLE LOAD ONLY:** Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a safety factor of 1.5. To convert Safe Load/Cable Load Only to reflect a safety factor of 2.0, multiply the safe loads shown by 0.75.

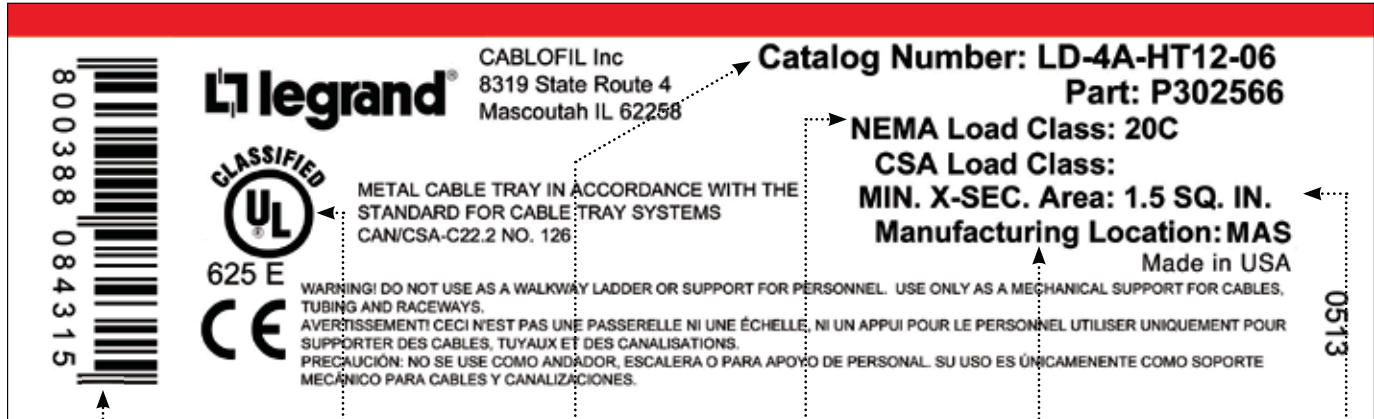
**2 SAFE LOAD / CABLE LOAD +200 LBS:** Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a 200 lb. concentrated static load applied at the center of the rung, without collapse.

**3** Will not support a 200 lb. concentrated static load applied at the center of the rung.

**[XX]** Two digit code in the safe load limit tables indicates recommended rung option for specified width.

## TRAY LABELS

This is a typical label attached to all PW cable tray straight sections and fittings. It presents important information about the cable tray component and is in accordance with NEMA VE1 guidelines. Labels for fiberglass and stainless steel tray systems are similar. Because these trays are not classified by UL as equipment grounding conductors, they do not have the UL logo or the UL classification text.



The **UPC code** is used for inventory control.

**UL Classification** details and the UL logo express the product's grounding qualifications, including the area of metal in the tray side rails.

**Catalog Number** indicates bottom type, depth, material type and part description per NEMA VE1.

**NEMA Load Class** is clearly marked.

**Manufacturing Location** indicates the Legrand manufacturing location from which this product was shipped.

**Min. X-Sec. Area** Cross sectional area of both tray side rails per NEC Table SB 392.60 (A).

## FABRICATION OPTIONS AND ENGINEERING SERVICES

No matter which product you choose, Legrand offers its customers a wide variety of fabrication options and engineering services. We pride ourselves in providing you with the products you need, built to your exact specifications. To help do so, take advantage of our wide range of ancillary services including:

- Take-off and estimating assistance
- Marking special identification numbers on tray labels
- Special identification labels and warning signs
- Custom drawing and design services
- Special packaging and shipment options
- Staging per customer-defined areas

We are pleased to provide customized cable tray to fit your specific needs. Examples of the types of modifications that can be made include but are not limited to:

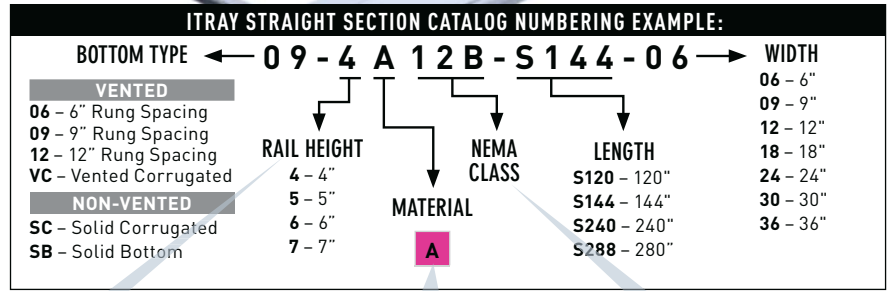
- Factory-installed divider strips
- Pre-attached connector plates on trays and fittings
- Holes added to tray components for accessory attachments

Contact Legrand at 1-800-658-4641 so that we may discuss your exact job requirements.

## SPECIFYING YOUR ORDER

### Itray Aluminum Tray

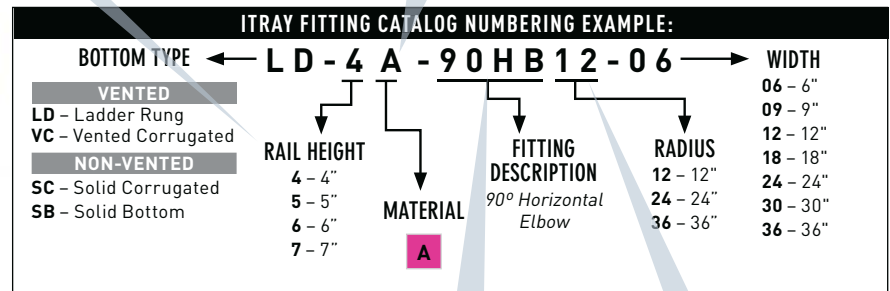
The numbering system for Itray Aluminum 4" to 7" tray is new and easier to use. Please review these examples before specifying your order.



Overall rail height is clearly marked with 4" to 7" heights available.

The tray material is listed as well. Currently Itray will only be offered in Aluminum. Stronger I-beam construction means no series choice is needed.

The tray system number is the same as the NEMA Class - no cross-reference needed.



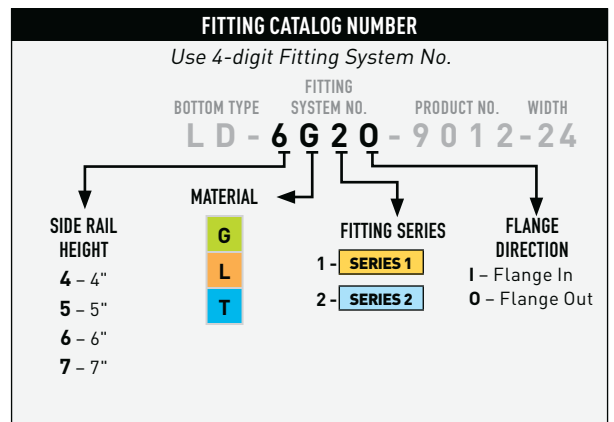
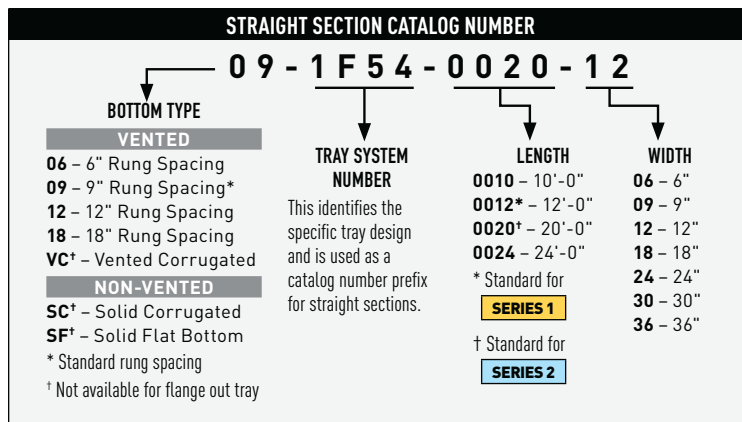
No complicated Fitting System Number or Product Number. The Fitting Description is now an abbreviated form of the product name.

Radius measurement is now clearly shown.



Look for the Itray Compatible designation throughout the Ladder, Trough and Solid Bottom section of this catalog for products that also fit Itray specifications.

The numbering system for all other tray lines has not changed.



# LADDER, TROUGH & SOLID BOTTOM

## ITRAY ALUMINUM TRAY

- B.16** STRAIGHT SECTIONS
- B.18** FITTINGS
- B.26** COVERS
- B.28** SPLICES & CONNECTORS
- B.30** ACCESSORIES

## METALLIC

- B.32** RUNG OPTIONS
- B.34** LONG-SPAN TRAY
- B.36** STEEL TRAY
- B.38** STAINLESS STEEL TRAY
- B.40** FITTINGS
- B.50** COVERS
- B.52** SPLICES & CONNECTORS
- B.56** RUNG SPECIFICATIONS
- B.60** ACCESSORIES
- B.68** FIRESTOP SYSTEMS
- B.56** RUNG OPTIONS

## FIBERGLASS

- B.70** STRAIGHT SECTIONS
- B.72** FITTINGS
- B.76** COVERS & ACCESSORIES
- B.77** SPLICES & CONNECTORS
- B.78** ACCESSORIES



The PW Line of cable tray products is offered in a wide variety of sizes, designs and finishes to meet exacting industry standards. Choose from our extensive selection of rail, rung and bottom styles that are available in a variety of finishes. Also choose from fittings, accessories, fire stop systems and fasteners that will complete your installation.

Legrand representatives have the experience to insure that your cable management needs will be fulfilled on time and to your specifications.

## MC POWER CABLE FILL TABLE

LADDER TRAY	MAX NUMBER OF CABLES PER CODE*			
	THHN TypeMC AlumArmor			
	2C (12 AWG)	3C (12 AWG)	3C (AWG 4/0)	3C (500 kcmil)
6	35 cbls	31 cbls	3 cbls	2 cbls
9	52 cbls	45 cbls	5 cbls	3 cbls
12	71 cbls	63 cbls	7 cbls	5 cbls
18	107 cbls	94 cbls	11 cbls	7 cbls
24	143 cbls	126 cbls	15 cbls	10 cbls
30	178 cbls	157 cbls	18 cbls	12 cbls
36	214 cbls	204 cbls	22 cbls	15 cbls

\* Vented cable tray only.



TRAY MATERIAL	SIDE RAIL HEIGHTS INCHES	VENTED		NON-VENTED	
		LADDER STANDARD RUNG	VENTILATED TROUGH CORRUGATED	SOLID BOTTOM CORRUGATED	SOLID BOTTOM FLAT SHEET
<b>A</b> ALUMINUM <b>ITRAY</b>	4   5   6   7	6", 9" and 12" rung spacing	7/8" wide ribs are 1/2" deep on 2" centers with air vents	7/8" wide ribs are 1/2" deep on 2" centers	Flat sheet over 12" rung spacing
<b>A</b> ALUMINUM <b>G</b> HOT-DIP GALVANIZED STEEL <b>LONG-SPAN</b>	8   10	9", 12" and 18" rung spacing	N/A	N/A	N/A
<b>G</b> HOT-DIP GALVANIZED STEEL <b>STEEL</b>	4   5   6   7	6", 9" and 12" rung spacing	7/8" wide ribs are 1/2" deep on 2" centers with air vents	7/8" wide ribs are 1/2" deep on 2" centers	N/A
<b>L</b> STAINLESS STEEL 304L <b>T</b> STAINLESS STEEL 316L <b>STAINLESS STEEL</b>	4   5   6   7	6", 9" and 12" rung spacing	N/A	N/A	Flat sheet only
<b>F</b> FIBERGLASS <b>FIBERGLASS</b>	4   6	6", 9" and 12" rung spacing	N/A	N/A	Flat sheet under 12" rung spacing

## DATA CABLE FILL TABLE

LADDER TRAY		MAX NUMBER OF CABLES PER CODE			
WIDTH (IN.)	LOAD DEPTH (IN.)	Cat 5e 4-pr Plenum (.17 IN.)	Cat 5e w4-pr Non-Plenum (.19 IN.)	Cat 6e 4-pr Plenum (.22 IN.)	Cat 6a 4-pr Plenum (.30 IN.)
6	3	396 cbls	317 cbls	236 cbls	127 cbls
9	3	594 cbls	476 cbls	355 cbls	190 cbls
12	3	793 cbls	634 cbls	473 cbls	254 cbls
18	3	1189 cbls	952 cbls	710 cbls	381 cbls
24	3	1586 cbls	1269 cbls	947 cbls	509 cbls
30	3	1982 cbls	1587 cbls	1183 cbls	636 cbls
36	3	2379 cbls	1904 cbls	1420 cbls	763 cbls
6	4	527 cbls	422 cbls	314 cbls	169 cbls
9	4	803 cbls	643 cbls	480 cbls	258 cbls
12	4	1055 cbls	844 cbls	629 cbls	338 cbls
18	4	1582 cbls	1266 cbls	944 cbls	508 cbls
24	4	2110 cbls	1689 cbls	1259 cbls	677 cbls
30	4	2679 cbls	2145 cbls	1600 cbls	860 cbls
36	4	3215 cbls	2574 cbls	1920 cbls	1032 cbls

LADDER TRAY		MAX NUMBER OF CABLES PER CODE			
WIDTH (IN.)	LOAD DEPTH (IN.)	Cat 5e 4-pr Plenum (.17 IN.)	Cat 5e w4-pr Non-Plenum (.19 IN.)	Cat 6e 4-pr Plenum (.22 IN.)	Cat 6a 4-pr Plenum (.30 IN.)
6	5	660 cbls	529 cbls	394 cbls	212 cbls
9	5	991 cbls	793 cbls	591 cbls	318 cbls
12	5	1321 cbls	1058 cbls	789 cbls	424 cbls
18	5	1982 cbls	1587 cbls	1183 cbls	636 cbls
24	5	2643 cbls	2116 cbls	1578 cbls	848 cbls
30	5	3304 cbls	2645 cbls	1972 cbls	1061 cbls
36	5	3965 cbls	3174 cbls	2367 cbls	1273 cbls
6	6	788 cbls	631 cbls	469 cbls	277 cbls
9	6	1189 cbls	952 cbls	710 cbls	381 cbls
12	6	1515 cbls	1213 cbls	905 cbls	486 cbls
18	6	2273 cbls	1820 cbls	1357 cbls	730 cbls
24	6	3031 cbls	2427 cbls	1810 cbls	973 cbls
30	6	3965 cbls	3174 cbls	2367 cbls	1273 cbls
36	6	4758 cbls	3809 cbls	2841 cbls	1527 cbls

# ITRAY

**A** ALUMINUM

**CONNECTORS/SPLICES:**

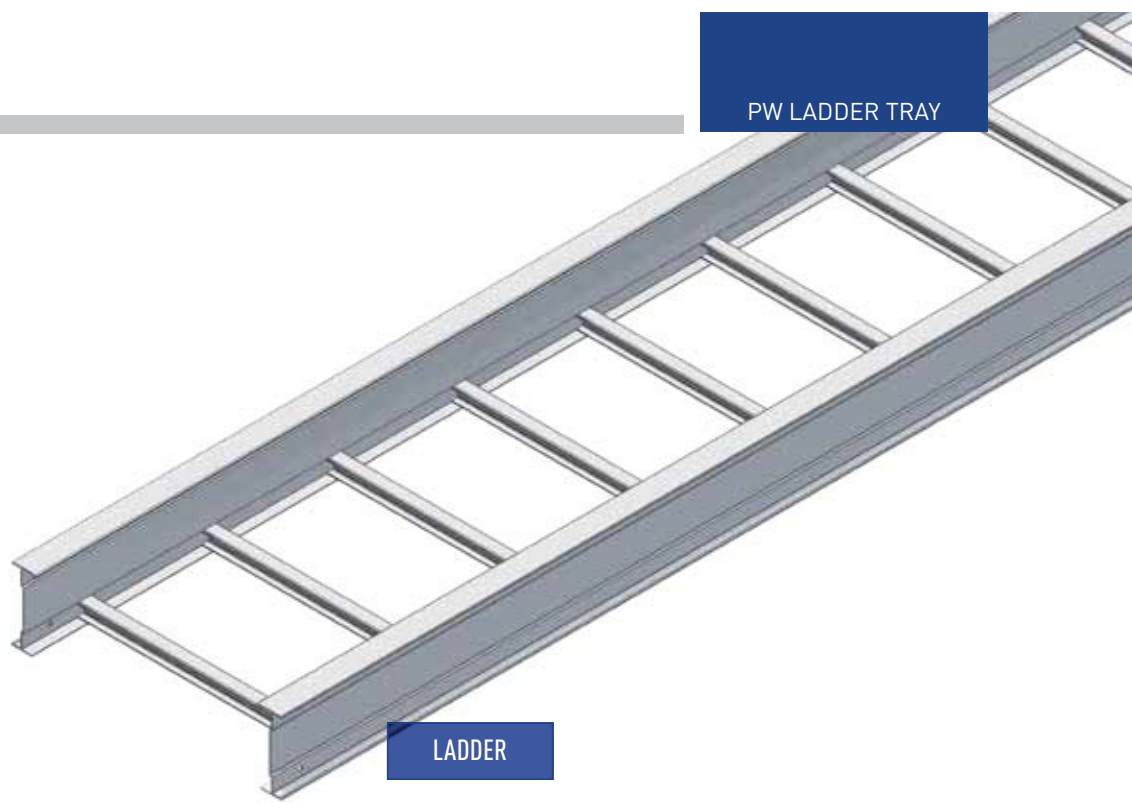
Necessary straight section connectors (SSP) and fasteners are supplied with each section. Extra connectors for field cuts or unusual requirements must be ordered separately.

**SAFE LOAD:**

Allowable cable load in pounds per linear foot uniformly distributed. Based on tray with standard rung on 9" centers and supported on simple beam with safety factor of 1.5 per NEMA VE1.

**CONCENTRATED LOAD:**

All ladders with solid rungs and trays with corrugated bottoms will support a 200 lb. concentrated load applied at the center of the tray in addition to the NEMA-rated cable load without collapse.



RAIL HEIGHT (IN.)	LOAD DEPTH (IN.)	NEMA CLASS	CSA CLASS	AVAILABLE LENGTHS (FT.)					WIDTHS (IN)	TRAY SYSTEM NUMBER	AMP RATING
				10	12	-	-	-		I I	
4	3	12B	C	10	12	-	-	-	6-36	4A12B	1200
	3	12C	D, 3M	10	12	20	-	-	6-36	4A12C	1200
	3	20B	E, 6M	-	12	20	24	-	6-36	4A20B	2000
5	4	12C	D, 3M	10	12	20	-	-	6-36	5A12C	1200
	4	20B	E, 6M	-	12	20	24	-	6-36	5A20B	1600
6	5	12C	D, 3M	10	12	20	-	-	6-36	6A12C	1200
	5	20B	E, 6M	-	12	20	24	-	6-36	6A20B	1600
	5	20C	E, 6M	-	12	20	24	-	6-36	6A20C	2000
	5	24C	E, 6M	-	-	20	24	30	6-36	6A24C	2000
7	6	12C	D, 3M	10	12	20	-	-	6-36	7A12C	1600
	6	20B	E, 6M	-	12	20	24	-	6-36	7A20B	2000
	6	20C	E, 6M	-	12	20	24	-	6-36	7A20C	2000
	6	24C	E, 6M	-	-	20	24	30	6-36	7A24C	2000

**WIDTHS (W) INCHES**

6 | 9 | 12 | 18 | 24 | 30 | 36

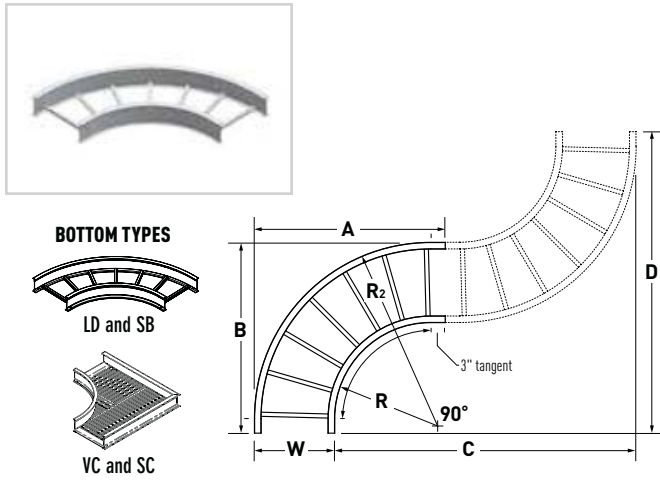
**RAIL HEIGHTS (H) INCHES**

4 | 5 | 6 | 7



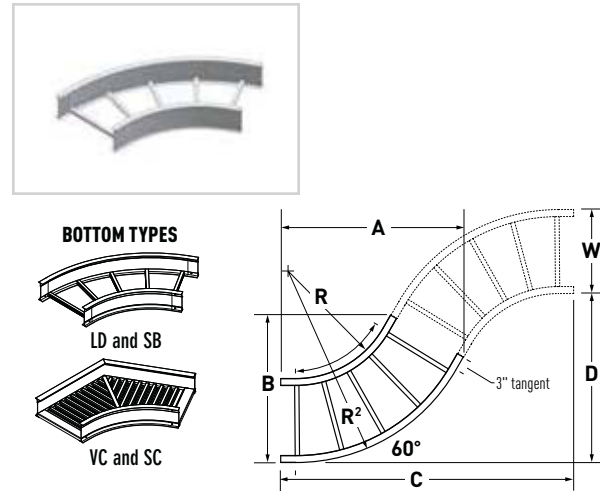
**90HB**  
HORIZONTAL 90° ELBOW

A



**60HB**  
HORIZONTAL 60° ELBOW

A



RADIUS R	WIDTH W	RADIUS 2 R2	A	B	C	D
12	6	18	21	21	36	36
	9	21	24	24	39	39
	12	24	27	27	42	42
	18	30	33	33	48	48
	24	36	39	39	54	54
	30	42	45	45	60	60
	36	48	51	51	66	66
24	6	30	33	33	60	60
	9	33	36	36	63	63
	12	36	39	39	66	66
	18	42	45	45	72	72
	24	48	51	51	78	78
	30	54	57	57	84	84
	36	60	63	63	90	90
36	6	42	45	45	84	84
	9	45	48	48	87	87
	12	48	51	51	90	90
	18	54	57	57	96	96
	24	60	63	63	102	102
	30	66	69	69	108	108
	36	72	75	75	114	114

RADIUS R	WIDTH W	RADIUS 2 R2	A	B	C	D
12	6	18	20 <sup>1</sup> / <sub>8</sub>	14 <sup>5</sup> / <sub>8</sub>	35	20 <sup>1</sup> / <sub>8</sub>
	9	21	22 <sup>5</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub>	37 <sup>5</sup> / <sub>8</sub>	21 <sup>3</sup> / <sub>8</sub>
	12	24	25 <sup>1</sup> / <sub>4</sub>	20 <sup>5</sup> / <sub>8</sub>	40 <sup>1</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>
	18	30	30 <sup>1</sup> / <sub>2</sub>	26 <sup>5</sup> / <sub>8</sub>	45 <sup>3</sup> / <sub>8</sub>	26 <sup>1</sup> / <sub>8</sub>
	24	36	35 <sup>5</sup> / <sub>8</sub>	32 <sup>5</sup> / <sub>8</sub>	50 <sup>5</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>8</sub>
	30	42	40 <sup>7</sup> / <sub>8</sub>	38 <sup>5</sup> / <sub>8</sub>	55 <sup>3</sup> / <sub>8</sub>	32 <sup>1</sup> / <sub>8</sub>
	36	48	46 <sup>1</sup> / <sub>8</sub>	44 <sup>5</sup> / <sub>8</sub>	61	35 <sup>1</sup> / <sub>8</sub>
24	6	30	30 <sup>1</sup> / <sub>2</sub>	20 <sup>5</sup> / <sub>8</sub>	55 <sup>3</sup> / <sub>8</sub>	32 <sup>1</sup> / <sub>8</sub>
	9	33	33 <sup>1</sup> / <sub>8</sub>	23 <sup>5</sup> / <sub>8</sub>	58 <sup>3</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>
	12	36	35 <sup>5</sup> / <sub>8</sub>	26 <sup>5</sup> / <sub>8</sub>	61	35 <sup>1</sup> / <sub>8</sub>
	18	42	40 <sup>7</sup> / <sub>8</sub>	32 <sup>5</sup> / <sub>8</sub>	66 <sup>1</sup> / <sub>8</sub>	38 <sup>1</sup> / <sub>8</sub>
	24	48	46 <sup>1</sup> / <sub>8</sub>	38 <sup>5</sup> / <sub>8</sub>	71 <sup>3</sup> / <sub>8</sub>	41 <sup>1</sup> / <sub>8</sub>
	30	54	51 <sup>1</sup> / <sub>4</sub>	44 <sup>5</sup> / <sub>8</sub>	76 <sup>1</sup> / <sub>2</sub>	44 <sup>1</sup> / <sub>8</sub>
	36	60	56 <sup>1</sup> / <sub>2</sub>	50 <sup>5</sup> / <sub>8</sub>	81 <sup>3</sup> / <sub>8</sub>	47 <sup>1</sup> / <sub>8</sub>
36	6	42	40 <sup>7</sup> / <sub>8</sub>	26 <sup>5</sup> / <sub>8</sub>	76 <sup>1</sup> / <sub>2</sub>	44 <sup>1</sup> / <sub>8</sub>
	9	45	43 <sup>1</sup> / <sub>2</sub>	29 <sup>5</sup> / <sub>8</sub>	79 <sup>1</sup> / <sub>8</sub>	45 <sup>3</sup> / <sub>8</sub>
	12	48	46 <sup>1</sup> / <sub>8</sub>	32 <sup>5</sup> / <sub>8</sub>	81 <sup>3</sup> / <sub>8</sub>	47 <sup>1</sup> / <sub>8</sub>
	18	54	51 <sup>1</sup> / <sub>4</sub>	38 <sup>5</sup> / <sub>8</sub>	87	50 <sup>1</sup> / <sub>8</sub>
	24	60	56 <sup>1</sup> / <sub>2</sub>	44 <sup>5</sup> / <sub>8</sub>	92 <sup>1</sup> / <sub>8</sub>	53 <sup>1</sup> / <sub>8</sub>
	30	66	61 <sup>5</sup> / <sub>8</sub>	50 <sup>5</sup> / <sub>8</sub>	97 <sup>3</sup> / <sub>8</sub>	56 <sup>1</sup> / <sub>8</sub>
	36	72	66 <sup>7</sup> / <sub>8</sub>	56 <sup>5</sup> / <sub>8</sub>	102 <sup>1</sup> / <sub>2</sub>	59 <sup>1</sup> / <sub>8</sub>

**WIDTHS (W) INCHES**

6 | 9 | 12 | 18 | 24 | 30 | 36

**RAIL HEIGHTS (H) INCHES**

4 | 5 | 6 | 7

**RADIUS (R) INCHES**

12 | 24 | 36

**CONNECTORS/SPLICES** – Necessary fitting connectors (FSP) and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

### 45HB HORIZONTAL 45° ELBOW

A



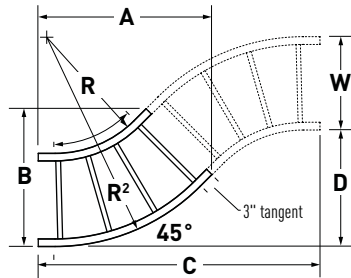
**BOTTOM TYPES**



LD and SB



VC and SC



### 30HB HORIZONTAL 30° ELBOW

A



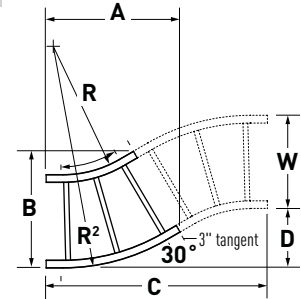
**BOTTOM TYPES**



LD and SB



VC and SC



RADIUS R	WIDTH W	RADIUS 2 R2	A	B	C	D
12	6	18	17 <sup>1</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	31 <sup>1</sup> / <sub>2</sub>	13
	9	21	20	14 <sup>5</sup> / <sub>8</sub>	33 <sup>5</sup> / <sub>8</sub>	13 <sup>7</sup> / <sub>8</sub>
	12	24	22 <sup>1</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub>	35 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>4</sub>
	18	30	26 <sup>3</sup> / <sub>8</sub>	23 <sup>5</sup> / <sub>8</sub>	40	16 <sup>1</sup> / <sub>2</sub>
	24	36	30 <sup>5</sup> / <sub>8</sub>	29 <sup>5</sup> / <sub>8</sub>	44 <sup>1</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>4</sub>
	30	42	34 <sup>7</sup> / <sub>8</sub>	35 <sup>5</sup> / <sub>8</sub>	48 <sup>3</sup> / <sub>8</sub>	20
24	6	30	26 <sup>3</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>8</sub>	48 <sup>3</sup> / <sub>8</sub>	20
	9	33	28 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>8</sub>	50 <sup>1</sup> / <sub>2</sub>	21
	12	36	30 <sup>5</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>8</sub>	52 <sup>5</sup> / <sub>8</sub>	21 <sup>7</sup> / <sub>8</sub>
	18	42	34 <sup>7</sup> / <sub>8</sub>	27 <sup>1</sup> / <sub>8</sub>	56 <sup>7</sup> / <sub>8</sub>	23 <sup>5</sup> / <sub>8</sub>
	24	48	39	33 <sup>1</sup> / <sub>8</sub>	61 <sup>1</sup> / <sub>8</sub>	25 <sup>3</sup> / <sub>8</sub>
	30	54	43 <sup>1</sup> / <sub>4</sub>	39 <sup>1</sup> / <sub>8</sub>	65 <sup>3</sup> / <sub>8</sub>	27 <sup>1</sup> / <sub>8</sub>
36	6	42	34 <sup>7</sup> / <sub>8</sub>	18 <sup>5</sup> / <sub>8</sub>	65 <sup>3</sup> / <sub>8</sub>	27 <sup>1</sup> / <sub>8</sub>
	9	45	37	21 <sup>5</sup> / <sub>8</sub>	67 <sup>1</sup> / <sub>2</sub>	28
	12	48	39	24 <sup>5</sup> / <sub>8</sub>	69 <sup>5</sup> / <sub>8</sub>	28 <sup>7</sup> / <sub>8</sub>
	18	54	43 <sup>1</sup> / <sub>4</sub>	30 <sup>5</sup> / <sub>8</sub>	73 <sup>7</sup> / <sub>8</sub>	30 <sup>5</sup> / <sub>8</sub>
	24	60	47 <sup>1</sup> / <sub>2</sub>	36 <sup>5</sup> / <sub>8</sub>	78 <sup>1</sup> / <sub>8</sub>	32 <sup>3</sup> / <sub>8</sub>
	30	66	51 <sup>3</sup> / <sub>4</sub>	42 <sup>5</sup> / <sub>8</sub>	82 <sup>3</sup> / <sub>8</sub>	34 <sup>1</sup> / <sub>8</sub>
36	72	56	48 <sup>5</sup> / <sub>8</sub>	86 <sup>5</sup> / <sub>8</sub>	35 <sup>7</sup> / <sub>8</sub>	

RADIUS R	WIDTH W	RADIUS 2 R2	A	B	C	D
12	6	18	14 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>8</sub>	26 <sup>1</sup> / <sub>4</sub>	7
	9	21	16 <sup>1</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>8</sub>	27 <sup>3</sup> / <sub>4</sub>	7 <sup>3</sup> / <sub>8</sub>
	12	24	17 <sup>5</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>
	18	30	20 <sup>5</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>8</sub>	32 <sup>1</sup> / <sub>4</sub>	8 <sup>5</sup> / <sub>8</sub>
	24	36	23 <sup>3</sup> / <sub>8</sub>	27 <sup>1</sup> / <sub>8</sub>	35 <sup>1</sup> / <sub>4</sub>	9 <sup>3</sup> / <sub>8</sub>
	30	42	26 <sup>5</sup> / <sub>8</sub>	33 <sup>1</sup> / <sub>8</sub>	38 <sup>1</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>4</sub>
24	6	30	20 <sup>5</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>4</sub>	38 <sup>1</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>4</sub>
	9	33	22 <sup>1</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>4</sub>	39 <sup>3</sup> / <sub>4</sub>	10 <sup>5</sup> / <sub>8</sub>
	12	36	23 <sup>3</sup> / <sub>8</sub>	16 <sup>3</sup> / <sub>4</sub>	41 <sup>1</sup> / <sub>4</sub>	11
	18	42	26 <sup>5</sup> / <sub>8</sub>	22 <sup>1</sup> / <sub>4</sub>	44 <sup>1</sup> / <sub>4</sub>	11 <sup>7</sup> / <sub>8</sub>
	24	48	29 <sup>5</sup> / <sub>8</sub>	28 <sup>3</sup> / <sub>4</sub>	47 <sup>1</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>8</sub>
	30	54	32 <sup>3</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>4</sub>	50 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>2</sub>
36	6	42	26 <sup>5</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	50 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>2</sub>
	9	45	28 <sup>1</sup> / <sub>8</sub>	15 <sup>3</sup> / <sub>8</sub>	51 <sup>3</sup> / <sub>4</sub>	13 <sup>3</sup> / <sub>8</sub>
	12	48	29 <sup>5</sup> / <sub>8</sub>	18 <sup>3</sup> / <sub>8</sub>	53 <sup>1</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>4</sub>
	18	54	32 <sup>3</sup> / <sub>8</sub>	24 <sup>3</sup> / <sub>8</sub>	56 <sup>1</sup> / <sub>4</sub>	15
	24	60	35 <sup>3</sup> / <sub>8</sub>	30 <sup>3</sup> / <sub>8</sub>	59 <sup>1</sup> / <sub>4</sub>	15 <sup>5</sup> / <sub>8</sub>
	30	66	38 <sup>5</sup> / <sub>8</sub>	36 <sup>3</sup> / <sub>8</sub>	62 <sup>1</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>
36	72	41 <sup>5</sup> / <sub>8</sub>	42 <sup>3</sup> / <sub>8</sub>	65 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>2</sub>	

**ITRAY HORIZONTAL ELBOW CATALOG NUMBERING EXAMPLE:**

← **BOTTOM TYPE** **LD - 4 A - 90HB 12 - 06** → **WIDTH**

<b>VENTED</b>	<b>RAIL HEIGHT</b>	<b>FITTING CODE</b>	<b>RADIUS</b>	<b>WIDTH</b>
LD - Ladder Rung	4 - 4"	90HB	12 - 12"	06 - 6"
VC - Vented Corrugated	5 - 5"	60HB	24 - 24"	09 - 9"
<b>NON-VENTED</b>	6 - 6"	45HB	36 - 36"	12 - 12"
SC - Solid Corrugated	7 - 7"	30HB		18 - 18"
SB - Solid Bottom				24 - 24"
				30 - 30"
				36 - 36"

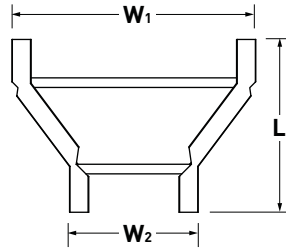
**MATERIAL** **A**

ITRAY - FITTINGS

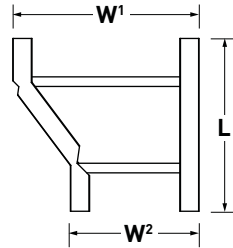
**SR / LR / RR**  
HORIZONTAL REDUCERS

**A**

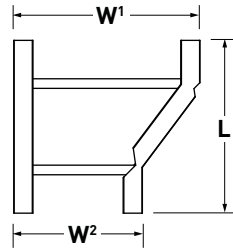
STRAIGHT



LEFT HAND



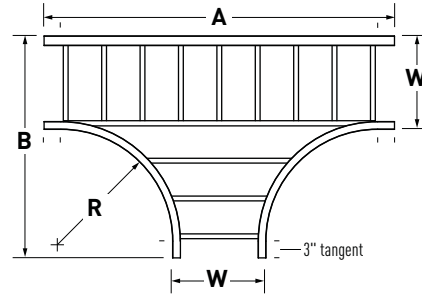
RIGHT HAND



LENGTH	MAIN WIDTH W1	AVAILABLE BRANCH WIDTHS W2					
		6	9	12	18	24	30
18	9	6	-	-	-	-	-
	12	6	9	-	-	-	-
	18	6	9	12	-	-	-
	24	6	9	12	18	-	-
	30	6	9	12	18	24	-
	36	6	9	12	18	24	30

**HT**  
HORIZONTAL STANDARD TEE

**A**



RADIUS R	WIDTH W	A	B
12	6	36	21 5/8
	9	39	24 5/8
	12	42	27 5/8
	18	48	33 5/8
	24	54	39 5/8
	30	60	45 5/8
24	36	66	51 5/8
	6	60	33 5/8
	9	63	36 5/8
	12	66	39 5/8
	18	72	45 5/8
	24	78	51 5/8
36	30	84	57 5/8
	36	90	63 5/8
	6	84	45 5/8
	9	87	48 5/8
	12	90	51 5/8
	18	96	57 5/8
36	24	102	63 5/8
	30	108	69 5/8
	36	114	75 5/8

ITRAY - FITTINGS

**ITRAY HORIZONTAL REDUCER CATALOG NUMBERING EXAMPLE:**

BOTTOM TYPE ← **LD - 4 A - SR 09 - 06** → WIDTH 2

- VENTED**
- LD - Ladder Rung
- VC - Vented Corrugated
- NON-VENTED**
- SC - Solid Corrugated
- SB - Solid Bottom

RAIL HEIGHT  
4 - 4"  
5 - 5"  
6 - 6"  
7 - 7"

MATERIAL  
**A**

FITTING CODE  
SR  
LR  
RR

WIDTH 1  
09 - 9"  
12 - 12"  
18 - 18"  
24 - 24"  
30 - 30"  
36 - 36"

WIDTH 2  
06 - 6"  
09 - 9"  
12 - 12"  
18 - 18"  
24 - 24"  
30 - 30"  
36 - 36"

**CONNECTORS/SPLICES** - Necessary fitting connectors (FSP) and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

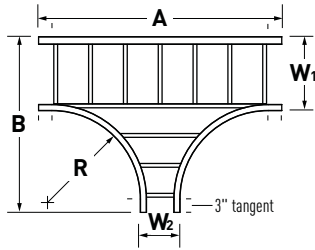
Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

B.20

# RT / ET HORIZONTAL REDUCING/EXPANDING TEES

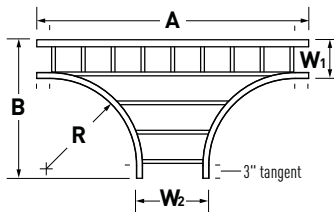
A

REDUCING TEE



MAIN WIDTH W1	BRANCH WIDTH W2	RADIUS R	A	B	RADIUS R	A	B	RADIUS R	A	B
9	6	12	36	24 <sup>5</sup> / <sub>8</sub>	24	60	36 <sup>5</sup> / <sub>8</sub>	36	84	48 <sup>5</sup> / <sub>8</sub>
12	6		36	27 <sup>5</sup> / <sub>8</sub>		60	39 <sup>5</sup> / <sub>8</sub>		84	51 <sup>5</sup> / <sub>8</sub>
	9		39	27 <sup>5</sup> / <sub>8</sub>		63	39 <sup>5</sup> / <sub>8</sub>		87	51 <sup>5</sup> / <sub>8</sub>
18	6		36	33 <sup>5</sup> / <sub>8</sub>		60	45 <sup>5</sup> / <sub>8</sub>		84	57 <sup>5</sup> / <sub>8</sub>
	9		39	33 <sup>5</sup> / <sub>8</sub>		63	45 <sup>5</sup> / <sub>8</sub>		87	57 <sup>5</sup> / <sub>8</sub>
	12		42	33 <sup>5</sup> / <sub>8</sub>		66	45 <sup>5</sup> / <sub>8</sub>		90	57 <sup>5</sup> / <sub>8</sub>
24	6		36	39 <sup>5</sup> / <sub>8</sub>		60	51 <sup>5</sup> / <sub>8</sub>		84	63 <sup>5</sup> / <sub>8</sub>
	9		39	39 <sup>5</sup> / <sub>8</sub>		63	51 <sup>5</sup> / <sub>8</sub>		87	63 <sup>5</sup> / <sub>8</sub>
	12		42	39 <sup>5</sup> / <sub>8</sub>		66	51 <sup>5</sup> / <sub>8</sub>		90	63 <sup>5</sup> / <sub>8</sub>
30	18		48	39 <sup>5</sup> / <sub>8</sub>		72	51 <sup>5</sup> / <sub>8</sub>		96	63 <sup>5</sup> / <sub>8</sub>
	6		36	45 <sup>5</sup> / <sub>8</sub>		60	57 <sup>5</sup> / <sub>8</sub>		84	69 <sup>5</sup> / <sub>8</sub>
	9		39	45 <sup>5</sup> / <sub>8</sub>		63	57 <sup>5</sup> / <sub>8</sub>		87	69 <sup>5</sup> / <sub>8</sub>
	12	42	45 <sup>5</sup> / <sub>8</sub>	66	57 <sup>5</sup> / <sub>8</sub>	90	69 <sup>5</sup> / <sub>8</sub>			
36	18	48	45 <sup>5</sup> / <sub>8</sub>	72	57 <sup>5</sup> / <sub>8</sub>	96	69 <sup>5</sup> / <sub>8</sub>			
	24	54	45 <sup>5</sup> / <sub>8</sub>	78	57 <sup>5</sup> / <sub>8</sub>	102	69 <sup>5</sup> / <sub>8</sub>			
	6	36	51 <sup>5</sup> / <sub>8</sub>	60	63 <sup>5</sup> / <sub>8</sub>	84	75 <sup>5</sup> / <sub>8</sub>			
	9	39	51 <sup>5</sup> / <sub>8</sub>	63	63 <sup>5</sup> / <sub>8</sub>	87	75 <sup>5</sup> / <sub>8</sub>			
36	12	42	51 <sup>5</sup> / <sub>8</sub>	66	63 <sup>5</sup> / <sub>8</sub>	90	75 <sup>5</sup> / <sub>8</sub>			
	18	48	51 <sup>5</sup> / <sub>8</sub>	72	63 <sup>5</sup> / <sub>8</sub>	96	75 <sup>5</sup> / <sub>8</sub>			
	24	54	51 <sup>5</sup> / <sub>8</sub>	78	63 <sup>5</sup> / <sub>8</sub>	102	75 <sup>5</sup> / <sub>8</sub>			
	30	60	51 <sup>5</sup> / <sub>8</sub>	84	63 <sup>5</sup> / <sub>8</sub>	108	75 <sup>5</sup> / <sub>8</sub>			

EXPANDING TEE



MAIN WIDTH W1	BRANCH WIDTH W2	RADIUS R	A	B	RADIUS R	A	B	RADIUS R	A	B
6	9	12	39	21 <sup>5</sup> / <sub>8</sub>	24	63	33 <sup>5</sup> / <sub>8</sub>	36	87	45 <sup>5</sup> / <sub>8</sub>
	12		42	21 <sup>5</sup> / <sub>8</sub>		66	33 <sup>5</sup> / <sub>8</sub>		90	45 <sup>5</sup> / <sub>8</sub>
	18		48	21 <sup>5</sup> / <sub>8</sub>		72	33 <sup>5</sup> / <sub>8</sub>		96	45 <sup>5</sup> / <sub>8</sub>
	24		54	21 <sup>5</sup> / <sub>8</sub>		78	33 <sup>5</sup> / <sub>8</sub>		102	45 <sup>5</sup> / <sub>8</sub>
	30		60	21 <sup>5</sup> / <sub>8</sub>		84	33 <sup>5</sup> / <sub>8</sub>		108	45 <sup>5</sup> / <sub>8</sub>
	36		66	21 <sup>5</sup> / <sub>8</sub>		90	33 <sup>5</sup> / <sub>8</sub>		114	45 <sup>5</sup> / <sub>8</sub>
9	12		42	24 <sup>5</sup> / <sub>8</sub>		66	36 <sup>5</sup> / <sub>8</sub>		90	48 <sup>5</sup> / <sub>8</sub>
	18		48	24 <sup>5</sup> / <sub>8</sub>		72	36 <sup>5</sup> / <sub>8</sub>		96	48 <sup>5</sup> / <sub>8</sub>
	24		54	24 <sup>5</sup> / <sub>8</sub>		78	36 <sup>5</sup> / <sub>8</sub>		102	48 <sup>5</sup> / <sub>8</sub>
	30		60	24 <sup>5</sup> / <sub>8</sub>		84	36 <sup>5</sup> / <sub>8</sub>		108	48 <sup>5</sup> / <sub>8</sub>
12	36		66	24 <sup>5</sup> / <sub>8</sub>		90	36 <sup>5</sup> / <sub>8</sub>		114	48 <sup>5</sup> / <sub>8</sub>
	18		48	27 <sup>5</sup> / <sub>8</sub>		72	39 <sup>5</sup> / <sub>8</sub>		96	51 <sup>5</sup> / <sub>8</sub>
	24	54	27 <sup>5</sup> / <sub>8</sub>	78	39 <sup>5</sup> / <sub>8</sub>	102	51 <sup>5</sup> / <sub>8</sub>			
	30	60	27 <sup>5</sup> / <sub>8</sub>	84	39 <sup>5</sup> / <sub>8</sub>	108	51 <sup>5</sup> / <sub>8</sub>			
18	36	66	27 <sup>5</sup> / <sub>8</sub>	90	39 <sup>5</sup> / <sub>8</sub>	114	51 <sup>5</sup> / <sub>8</sub>			
	24	54	33 <sup>5</sup> / <sub>8</sub>	78	45 <sup>5</sup> / <sub>8</sub>	102	57 <sup>5</sup> / <sub>8</sub>			
	30	60	33 <sup>5</sup> / <sub>8</sub>	84	45 <sup>5</sup> / <sub>8</sub>	108	57 <sup>5</sup> / <sub>8</sub>			
	36	66	33 <sup>5</sup> / <sub>8</sub>	90	45 <sup>5</sup> / <sub>8</sub>	114	57 <sup>5</sup> / <sub>8</sub>			
24	30	60	39 <sup>5</sup> / <sub>8</sub>	84	51 <sup>5</sup> / <sub>8</sub>	108	63 <sup>5</sup> / <sub>8</sub>			
	36	66	39 <sup>5</sup> / <sub>8</sub>	90	51 <sup>5</sup> / <sub>8</sub>	114	63 <sup>5</sup> / <sub>8</sub>			
30	36	66	45 <sup>5</sup> / <sub>8</sub>	90	57 <sup>5</sup> / <sub>8</sub>	114	69 <sup>5</sup> / <sub>8</sub>			

\* Reducing/expanding tees are not available with the corrugated bottom type. Use reducer fittings (see page 20) or reducer splice plates (see page 29) in conjunction with horizontal standard tee fittings which are available with corrugated bottoms.

**ITRAY HORIZONTAL REDUCING TEE CATALOG NUMBERING EXAMPLE:**

LD - 4 A - RT 12 - 12 0 6

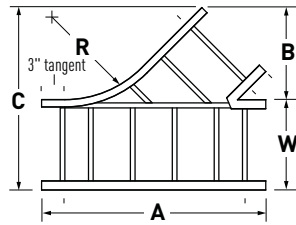
BOTTOM TYPE: LD (Ladder Rung), VENTED (LD), NON-VENTED (SB)  
 RAIL HEIGHT: 4 - 4", 5 - 5", 6 - 6", 7 - 7"  
 FITTING CODE: HT\* (Horizontal Tee), RT (Reducing Tee), ET (Expanding Tee)  
 RADIUS: 12 - 12", 24 - 24", 36 - 36"  
 WIDTH 1: 06 - 6", 09 - 9", 12 - 12", 18 - 18", 24 - 24", 30 - 30", 36 - 36"  
 WIDTH 2: 06 - 6", 09 - 9", 12 - 12", 18 - 18", 24 - 24", 30 - 30", 36 - 36"

\* Width 2 does not apply to Horizontal Tee (HT).

**YL / YR**  
HORIZONTAL WYE BRANCHES

A

LEFT HAND



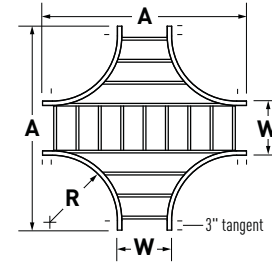
RIGHT HAND



WIDTH W	RADIUS R	A	B	C
6	24	31 1/4	12	18
9		35 1/2	14 1/8	23 1/8
12		39 5/8	16 1/4	28 1/4
18		48 1/4	20 1/2	38 1/2
24		56 3/4	24 3/4	48 3/4
30		65 1/4	29	59
36		73 5/8	33 3/4	69 1/4

**HX**  
HORIZONTAL STANDARD CROSS

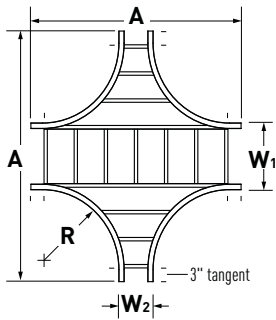
A



WIDTH W	RADIUS R	A	RADIUS R	A	RADIUS R	A
6	12	36	24	60	36	84
9		39		63		87
12		42		66		90
18		48		72		96
24		54		78		102
30		60		84		108
36		66		90		114

**RX**  
HORIZONTAL REDUCING CROSS

A



MAIN WIDTH W1	BRANCH WIDTH W2	RADIUS R	A	B	RADIUS R	A	B	RADIUS R	A	B
9	6	12	36	39	24	60	63	36	84	87
	12		36	42		60	66		84	90
12	6		39	42		63	66		87	90
	9		36	48		60	72		84	96
18	6		39	48		63	72		87	96
	9		42	48		66	72		90	96
24	6		36	54		60	78		84	102
	9		39	54		63	78		87	102
	12		42	54		66	78		90	102
	18		48	54		72	78		96	102
30	6		36	60		60	84		84	108
	9		39	60		63	84		87	108
	12	42	60	66	84	90	108			
	18	48	60	72	84	96	108			
36	24	54	60	78	84	102	108			
	6	36	66	60	90	84	114			
	9	39	66	63	90	87	114			
	12	42	66	66	90	90	114			
	18	48	66	72	90	96	114			
	24	54	66	78	90	102	114			
	30	60	66	84	90	108	114			

Reducing crosses are not available with the corrugated bottom type. Use reducer fittings (see page 20) or reducer splice plates (see page 29) in conjunction with horizontal standard cross fittings which are available with corrugated bottoms.

**ITRAY HORIZONTAL REDUCING CROSS CATALOG NUMBERING EXAMPLE:**

**BOTTOM TYPE** ← LD - 4 A - RX 12 - 09 06 → **WIDTH 2**

**VENTED** (LD - Ladder Rung)      **NON-VENTED** (SB - Solid Bottom)

**RAIL HEIGHT** (4 - 4", 5 - 5", 6 - 6", 7 - 7")

**FITTING CODE** (RX)

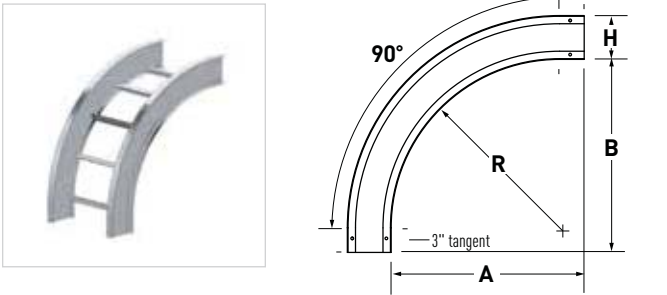
**RADIUS** (12 - 12", 24 - 24", 36 - 36")

**WIDTH 1** (06 - 6", 09 - 9", 12 - 12", 18 - 18", 24 - 24", 30 - 30", 36 - 36")

**MATERIAL** (A)

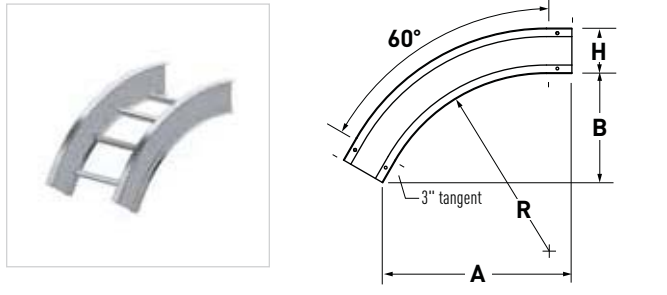


### 90VO VERTICAL OUTSIDE 90° ELBOW



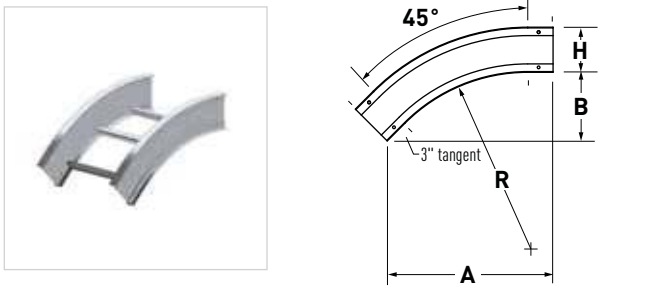
RADIUS R	WIDTH W	RAIL HEIGHT H	A	B
12	6-36	4-7	15	15
24			27	27
36			39	39

### 60VO VERTICAL OUTSIDE 60° ELBOW



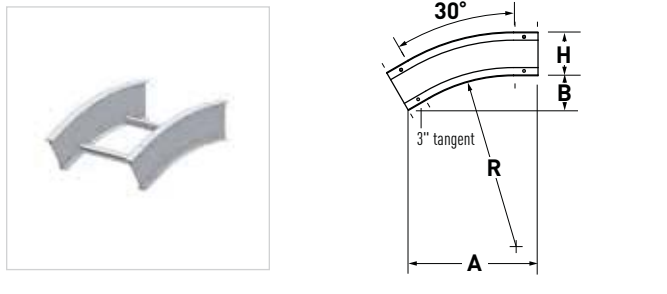
RADIUS R	WIDTH W	RAIL HEIGHT H	A	B
12	6-36	4-7	15	8 <sup>5</sup> / <sub>8</sub>
24			25 <sup>1</sup> / <sub>4</sub>	14 <sup>5</sup> / <sub>8</sub>
36			35 <sup>5</sup> / <sub>8</sub>	20 <sup>5</sup> / <sub>8</sub>

### 45VO VERTICAL OUTSIDE 45° ELBOW



RADIUS R	WIDTH W	RAIL HEIGHT H	A	B
12	6-36	4-7	13 <sup>5</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>
24			22 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>8</sub>
36			30 <sup>5</sup> / <sub>8</sub>	12 <sup>5</sup> / <sub>8</sub>

### 30VO VERTICAL OUTSIDE 30° ELBOW



RADIUS R	WIDTH W	RAIL HEIGHT H	A	B
12	6-36	4-7	11 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>
24			17 <sup>5</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>4</sub>
36			23 <sup>5</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>

**WIDTHS (W) INCHES**

6	9	12	18	24	30	36
---	---	----	----	----	----	----

**RAIL HEIGHTS (H) INCHES**

4	5	6	7
---	---	---	---

**RADIUS (R) INCHES**

12	24	36
----	----	----

**CONNECTORS/SPLICES** – Necessary fitting connectors (FSP) and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

Elbows, Reducers	1 pair ea.
Tees, Wye	2 pair ea.
Crosses	3 pair ea.

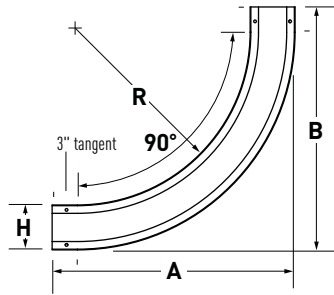
**ITRAY VERTICAL INSIDE ELBOW CATALOG NUMBERING EXAMPLE:**

**LD - 6 A - 90VO 12 - 06**

- LD** - Ladder Rung
- VC** - Vented Corrugated
- NON-VENTED**
  - SC** - Solid Corrugated
  - SB** - Solid Bottom
- 6** - RAIL HEIGHT (4-4", 5-5", 6-6", 7-7")
- A** - MATERIAL
- 90VO** - FITTING CODE
- 60VO** - FITTING CODE
- 45VO** - FITTING CODE
- 30VO** - FITTING CODE
- 12** - RADIUS (12-12", 24-24", 36-36")
- 06** - WIDTH (06-6", 09-9", 12-12", 18-18", 24-24", 30-30", 36-36")

**90VI**  
VERTICAL INSIDE 90° ELBOW

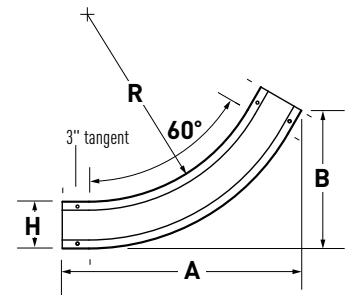
**A**



		H = 4		H = 5		H = 6		H = 7	
WIDTH W	RADIUS R	A	B	A	B	A	B	A	B
ALL	12	19	19	20	20	21	21	22	22
	24	31	31	32	32	33	33	34	34
	36	43	43	44	44	45	45	46	46

**60VI**  
VERTICAL INSIDE 60° ELBOW

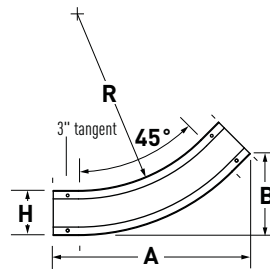
**A**



		H = 4		H = 5		H = 6		H = 7	
WIDTH W	RADIUS R	A	B	A	B	A	B	A	B
ALL	12	18 <sup>5</sup> / <sub>8</sub>	10 <sup>5</sup> / <sub>8</sub>	19 <sup>1</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>8</sub>	20 <sup>1</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>	21	12 <sup>1</sup> / <sub>8</sub>
	24	28 <sup>3</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>	29 <sup>5</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>2</sub>	17 <sup>5</sup> / <sub>8</sub>	31 <sup>1</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>8</sub>
	36	39 <sup>1</sup> / <sub>8</sub>	22 <sup>5</sup> / <sub>8</sub>	40	23 <sup>1</sup> / <sub>8</sub>	40 <sup>7</sup> / <sub>8</sub>	23 <sup>5</sup> / <sub>8</sub>	41 <sup>3</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>8</sub>

**45VI**  
VERTICAL INSIDE 45° ELBOW

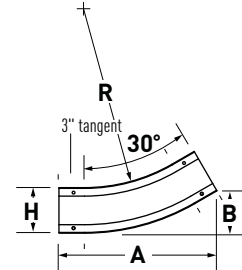
**A**



		H = 4		H = 5		H = 6		H = 7	
WIDTH W	RADIUS R	A	B	A	B	A	B	A	B
ALL	12	16 <sup>3</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>8</sub>	17 <sup>7</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>2</sub>	7 <sup>5</sup> / <sub>8</sub>
	24	24 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	25 <sup>5</sup> / <sub>8</sub>	10 <sup>5</sup> / <sub>8</sub>	26 <sup>3</sup> / <sub>8</sub>	10 <sup>7</sup> / <sub>8</sub>	27	11 <sup>1</sup> / <sub>4</sub>
	36	33 <sup>3</sup> / <sub>8</sub>	13 <sup>7</sup> / <sub>8</sub>	34 <sup>1</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	34 <sup>7</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>8</sub>	35 <sup>1</sup> / <sub>2</sub>	14 <sup>3</sup> / <sub>4</sub>

**30VI**  
VERTICAL INSIDE 30° ELBOW

**A**



		H = 4		H = 5		H = 6		H = 7	
WIDTH W	RADIUS R	A	B	A	B	A	B	A	B
ALL	12	13 <sup>5</sup> / <sub>8</sub>	3 <sup>5</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	14 <sup>5</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>8</sub>	4
	24	19 <sup>5</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	20 <sup>1</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>8</sub>	20 <sup>5</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>	21 <sup>1</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>
	36	25 <sup>5</sup> / <sub>8</sub>	6 <sup>7</sup> / <sub>8</sub>	26 <sup>1</sup> / <sub>8</sub>	7	26 <sup>5</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>8</sub>	27 <sup>1</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

RADIUS (R) INCHES

12 | 24 | 36

**ITRAY VERTICAL INSIDE ELBOW CATALOG NUMBERING EXAMPLE:**

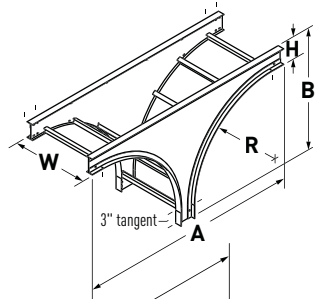
**BOTTOM TYPE** ← **LD - 4 A - 90VI 12 - 09** → **WIDTH**

<p><b>VENTED</b></p> <p>LD - Ladder Rung</p> <p>VC - Vented Corrugated</p> <p><b>NON-VENTED</b></p> <p>SC - Solid Corrugated</p> <p>SB - Solid Bottom</p>	<p>RAIL HEIGHT</p> <p>4 - 4"</p> <p>5 - 5"</p> <p>6 - 6"</p> <p>7 - 7"</p>	<p><b>MATERIAL</b></p> <p><b>A</b></p>	<p><b>FITTING CODE</b></p> <p>90VI</p> <p>60VI</p> <p>45VI</p> <p>30VI</p>	<p><b>RADIUS</b></p> <p>12 - 12"</p> <p>24 - 24"</p> <p>36 - 36"</p>	<p>06 - 6"</p> <p>09 - 9"</p> <p>12 - 12"</p> <p>18 - 18"</p> <p>24 - 24"</p> <p>30 - 30"</p> <p>36 - 36"</p>
-----------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------	----------------------------------------	----------------------------------------------------------------------------	----------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------

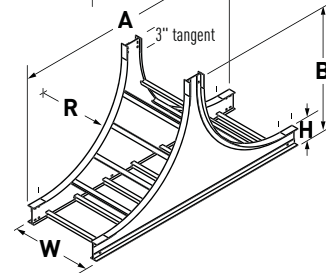
**TD / TU**  
VERTICAL TEES

A

TEE DOWN



TEE UP

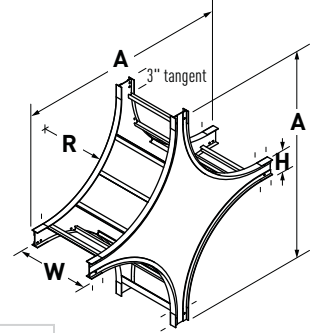


TEE UP fittings have rungs or bottom members for cable support across the bottom of the fitting.

WIDTH W	RADIUS R	RAIL HEIGHT H	A	B
ALL	24	4	58	31
		5	59	32
		6	60	33
		7	61	34

**VX**  
VERTICAL CROSS

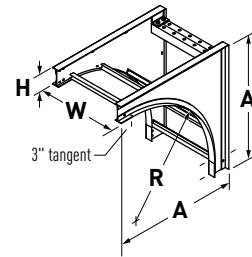
A



WIDTH W	RADIUS R	RAIL HEIGHT H	A
ALL	24	4	58
		5	59
		6	60
		7	61

**CS**  
VERTICAL CABLE SUPPORT ELBOW

A



Supports cables at the top of long vertical drops where the weight of the vertical cable may be excessive. Hooks (sold separately) attach to the brace in the elbow; when used with cable grips (supplied by others), tension in the vertical cable is relieved and transferred to the elbow.

WIDTH W	RADIUS R	RAIL HEIGHT H	A
ALL	24	4	31
		5	32
		6	33
		7	34

**CONNECTORS/SPLICES** – Necessary fitting connectors (FSP) and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

Elbows, Reducers	1 pair ea.
Tees, Wye	2 pair ea.
Crosses	3 pair ea.

**ITRAY VERTICAL TEE CATALOG NUMBERING EXAMPLE:**

**BOTTOM TYPE** ← **LD - 4 A - TU 24 - 09** → **WIDTH**

<b>VENTED</b>	RAIL HEIGHT	FITTING CODE	RADIUS	06 - 6"
LD - Ladder Rung				TU
<b>NON-VENTED</b>	4 - 4"	TD	24 - 24"	12 - 12"
VC - Vented Corrugated	5 - 5"			18 - 18"
<b>Solid Corrugated</b>	6 - 6"			24 - 24"
<b>Solid Bottom</b>	7 - 7"			30 - 30"
		<b>MATERIAL</b>		36 - 36"
		A		

ITRAY - FITTINGS

B.25

**SFF / LFF / SPF  
COVERS**

**A**

COVER	GAGE (6" - 24")	GAGE (30" - 36")
SFF / LFF	0.040"	0.063"
SPF	0.040"	0.063"

**SOLID FLAT FLANGED**

**LOUVERED FLAT FLANGED**

**SOLID PEAKED FLANGED**

**STRAIGHT SECTION COVER CATALOG NUMBERING EXAMPLE:**

**MATERIAL** ← **A - LFF - S060 - 06** → **WIDTH**

**A** (Material) | **LFF** (Cover Type) | **S060** (Fitting Code) | **06** (Width)

**COVER TYPE**

SFF – Solid Flat Flanged  
LFF – Louvered Flat Flanged  
SPF – Solid Peaked Flanged

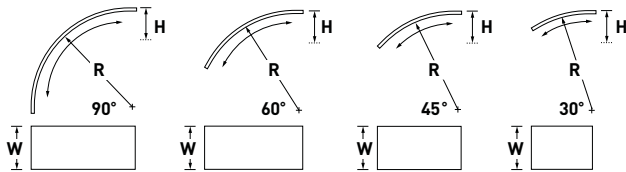
**LENGTH**

S060 – 60"  
S072 – 72"  
S120 – 120"  
S144 – 144"

**WIDTH**

06 – 6"  
09 – 9"  
12 – 12"  
18 – 18"  
24 – 24"  
30 – 30"  
36 – 36"

**FOR VERTICAL OUTSIDE ELBOWS (90VO/60VO/45VO/30VO)**



**VERTICAL OUTSIDE ELBOW COVER CATALOG NUMBERING EXAMPLE:**

**MATERIAL** ← **A - SFF - 90VO24 - 12 - 4** → **WIDTH**

**A** (Material) | **SFF** (Cover Type) | **90VO** (Fitting Code) | **24** (Radius) | **12** (Width) | **4** (Rail Height)

**COVER TYPE**

SFF – Solid Flat Flanged  
LFF – Louvered Flat Flanged

**FITTING CODE**

90VO 12 - 12"  
60VO 24 - 24"  
45VO 36 - 36"  
30VO

**RADIUS**

12 - 12"  
24 - 24"  
36 - 36"

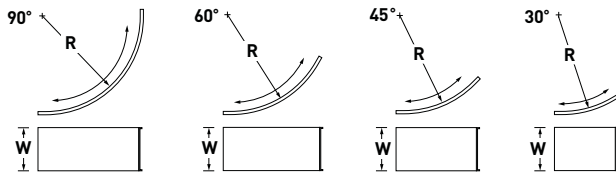
**WIDTH**

06 - 6"  
09 - 9"  
12 - 12"  
18 - 18"  
24 - 24"  
30 - 30"  
36 - 36"

**RAIL HEIGHT**

4 - 4"  
5 - 5"  
6 - 6"  
7 - 7"

**FOR VERTICAL INSIDE ELBOWS (90VI/60VI/45VI/30VI)**



**VERTICAL INSIDE ELBOW COVER CATALOG NUMBERING EXAMPLE:**

**MATERIAL** ← **A - SFF - 90VI 24 - 12** → **WIDTH**

**A** (Material) | **SFF** (Cover Type) | **90VI** (Fitting Code) | **24** (Radius) | **12** (Width)

**COVER TYPE**

SFF – Solid Flat Flanged  
LFF – Louvered Flat Flanged

**FITTING CODE**

90VI 12 - 12"  
60VI 24 - 24"  
45VI 36 - 36"  
30VI

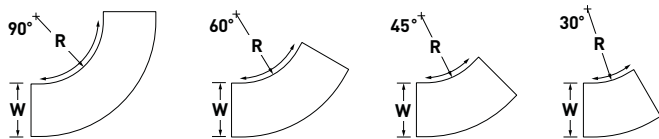
**RADIUS**

12 - 12"  
24 - 24"  
36 - 36"

**WIDTH**

06 - 6"  
09 - 9"  
12 - 12"  
18 - 18"  
24 - 24"  
30 - 30"  
36 - 36"

**FOR HORIZONTAL ELBOWS (90HB/60HB/45HB/30HB)**



**HORIZONTAL ELBOW COVER CATALOG NUMBERING EXAMPLE:**

**MATERIAL** ← **A - SFF - 90HB 12 - 06** → **WIDTH**

**A** (Material) | **SFF** (Cover Type) | **90HB** (Fitting Code) | **12** (Radius) | **06** (Width)

**COVER TYPE**

SFF – Solid Flat Flanged  
LFF – Louvered Flat Flanged  
SPF – Solid Peaked Flanged

**FITTING CODE**

90HB 12 - 12"  
60HB 24 - 24"  
45HB 36 - 36"  
30HB

**RADIUS**

12 - 12"  
24 - 24"  
36 - 36"

**WIDTH**

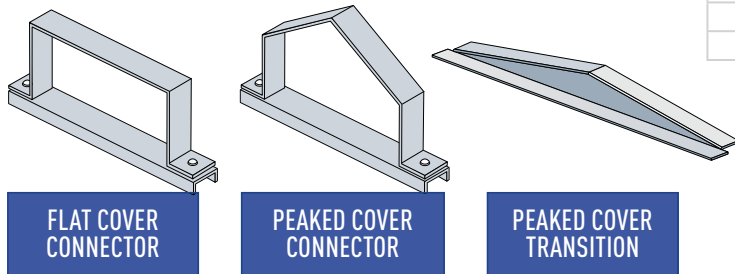
06 - 6"  
09 - 9"  
12 - 12"  
18 - 18"  
24 - 24"  
30 - 30"  
36 - 36"

\*AC covers are only available in SFF.

**FCC / PCC / PCT  
COVER CONNECTORS**

**A**

ITRAY - COVERS



**FLAT COVER CONNECTOR**

**PEAKED COVER CONNECTOR**

**PEAKED COVER TRANSITION**

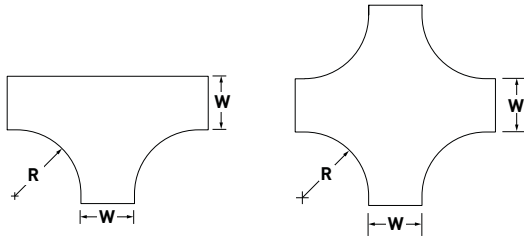
**QUANTITY OF COVER CLAMPS REQUIRED**

STRAIGHT SECTION – 5' & 6'	2
STRAIGHT SECTION – 10' & 12'	3
HORIZONTAL/VERTICAL ELBOWS	2
TEES	3
CROSSES	4

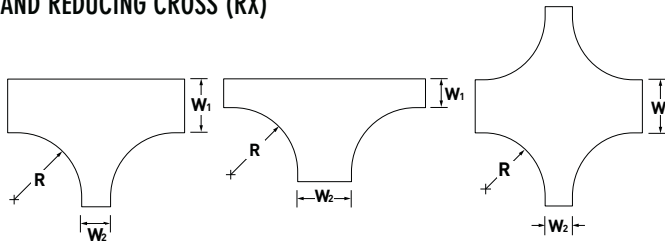
- Used for Vertical Outside/Inside transitions ONLY

PRODUCT CODE	FASTENER OPTIONS
FCC	GE S6
PCC	S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	Width Fasteners
4 A - FCC	- 06 - GE
PCT	S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
Material	Width Fasteners
A - PCT	- 06 - S6

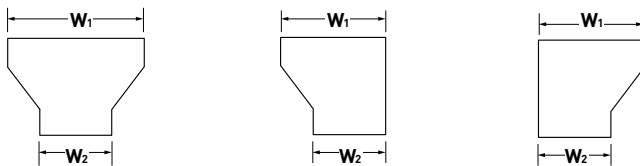
**FOR HORIZONTAL TEE (HT) AND CROSS (HX)**



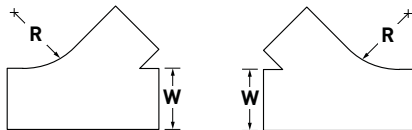
**FOR HORIZONTAL REDUCING TEE (RT), EXPANDING TEE (ET) AND REDUCING CROSS (RX)**



**FOR HORIZONTAL STRAIGHT REDUCER (SR), LEFT HAND REDUCER (LR) AND RIGHT HAND REDUCER (RR)**



**FOR HORIZONTAL LEFT HAND WYE (YL) AND RIGHT HAND WYE (YR)**



**HORIZONTAL TEE COVER CATALOG NUMBERING EXAMPLE:**

MATERIAL ← **A - SFF - HT 12 - 06** → WIDTH

**A** → COVER TYPE

**SFF** - Solid Flat Flanged  
**LFF** - Louvered Flat Flanged  
**SPF** - Solid Peaked Flanged

**HT** → FITTING CODE  
**HX** → FITTING CODE

**12** → RADIUS  
 12 - 12"  
 24 - 24"  
 36 - 36"

**06** → WIDTH  
 06 - 6"  
 09 - 9"  
 12 - 12"  
 18 - 18"  
 24 - 24"  
 30 - 30"  
 36 - 36"

**HORIZONTAL REDUCING TEE COVER CATALOG NUMBERING EXAMPLE:**

MATERIAL ← **A - SFF - RT 12 - 1206** → W1 W2\*

**A** → COVER TYPE

**SFF** - Solid Flat Flanged  
**LFF** - Louvered Flat Flanged  
**SPF** - Solid Peaked Flanged

**RT** → FITTING CODE  
**ET** → FITTING CODE  
**RX** → FITTING CODE

**12** → RADIUS  
 12 - 12"  
 24 - 24"  
 36 - 36"

**12** → W1  
 06 - 6"  
 09 - 9"  
 12 - 12"  
 18 - 18"  
 24 - 24"  
 30 - 30"  
 36 - 36"

**06** → W2\*  
 06 - 6"  
 09 - 9"  
 12 - 12"  
 18 - 18"  
 24 - 24"  
 30 - 30"  
 36 - 36"

\* See tables below for available branch widths.

**HORIZONTAL STRAIGHT REDUCER COVER CATALOG NUMBERING EXAMPLE:**

MATERIAL ← **A - SFF - SR 12 - 06** → W2\*

**A** → COVER TYPE

**SFF** - Solid Flat Flanged  
**LFF** - Louvered Flat Flanged  
**SPF** - Solid Peaked Flanged

**SR** → FITTING CODE  
**LR** → FITTING CODE  
**RR** → FITTING CODE

**12** → RADIUS  
 12 - 12"  
 24 - 24"  
 36 - 36"

**06** → W2\*  
 06 - 6"  
 09 - 9"  
 12 - 12"  
 18 - 18"  
 24 - 24"  
 30 - 30"  
 36 - 36"

\* See tables below for available branch widths.

**HORIZONTAL LEFT HAND WYE COVER CATALOG NUMBERING EXAMPLE:**

MATERIAL ← **A - SFF - YL 24 - 12** → WIDTH

**A** → COVER TYPE

**SFF** - Solid Flat Flanged  
**LFF** - Louvered Flat Flanged  
**SPF** - Solid Peaked Flanged

**YL** → FITTING CODE  
**YR** → FITTING CODE

**24** → RADIUS  
 24 - 24"

**12** → WIDTH  
 06 - 6"  
 09 - 9"  
 12 - 12"  
 18 - 18"  
 24 - 24"  
 30 - 30"  
 36 - 36"

MAIN WIDTHS (W1)	AVAILABLE REDUCING BRANCH WIDTHS (W2)					
9	6	-	-	-	-	-
12	6	9	-	-	-	-
18	6	9	12	-	-	-
24	6	9	12	18	-	-
30	6	9	12	18	24	-
36	6	9	12	18	24	30

MAIN WIDTHS (W1)	AVAILABLE EXPANDING BRANCH WIDTHS (W2)					
6	9	12	18	24	30	36
9	12	18	24	30	36	-
12	18	24	30	36	-	-
18	24	30	36	-	-	-
24	30	36	-	-	-	-
30	36	-	-	-	-	-

**SSP**  
STRAIGHT SPLICE KIT

A



PRODUCT CODE	FASTENER OPTIONS
SSP	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	Fasteners
4 A - SSP	- S6

- 12" length
- Designed for splicing Itray straight sections
- Includes splices and tray connection hardware

Patent Number - 9.209.609

**FSP**  
FITTING SPLICE KIT

A



PRODUCT CODE	FASTENER OPTIONS
FSP	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	Fasteners
4 A - FSP	- GE

- 6" length
- Designed for splicing Itray fittings
- Includes splices and tray connection hardware

Patent Number - 9.209.609

**EXSP**  
EXPANSION SPLICE KIT

A



PRODUCT CODE	FASTENER OPTIONS
EXSP	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	Fasteners
4 A - EXSP	- S6

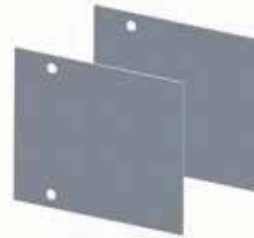
- Install as required P.xx or NEMA VE-2 (see p. 61)
- Includes splices and tray connection hardware

Patent Number - 9.209.609



**USPB**  
UNIVERSAL BLANK SPLICE KIT

A

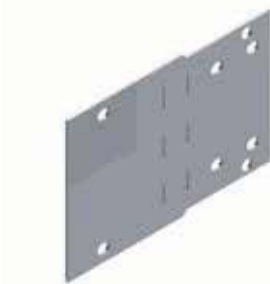


PRODUCT CODE	FASTENER OPTIONS
USPB	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	Fasteners
4 A - USPB	- S6

- Field drill for connection to trays from other manufacturers
- Includes splices and tray connection hardware

**USP**  
UNIVERSAL SPLICE KIT

A



PRODUCT CODE	FASTENER OPTIONS
USP	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	Fasteners
4 A - USP	- GE

- Designed to transition to PW C-channel and other I-beam systems
- Includes splices and tray connection hardware

**VHSP**  
VERTICAL HANGER SPLICE KIT

A



PRODUCT CODE	FASTENER OPTIONS
VHSP	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	Fasteners
4 A - VHSP	- GE

- For vertical tray support with threaded rods
- Includes splices and tray connection hardware

ITRAY - SPLICES & CONNECTORS

WIDTHS (W) INCHES  
6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES  
4 | 5 | 6 | 7

Bonding jumpers are required.

## 90SP 90° CONNECTOR SPLICE KIT A



PRODUCT CODE	FASTENER OPTIONS
90SP	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
Rail Height / Material	Fasteners
4 A - <b>90SP</b> - G E	

- Includes 8 splice bolts for connecting trays

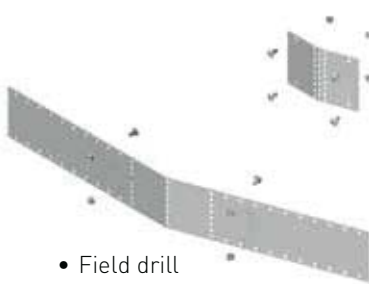
## FFSP FLOOR FLANGE SPLICE KIT A



PRODUCT CODE	FASTENER OPTIONS
FFSP	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
Rail Height / Material	Fasteners
4 A - <b>FFSP</b> - S 6	

- Includes splices and tray connection hardware

## HASP HORIZONTAL ADJUSTABLE SPLICE KIT A



PRODUCT CODE	FASTENER OPTIONS
HASP	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
Rail Height / Material	Fasteners
4 A - <b>HASP</b> - S 6	

- Field drill outer splices
- Includes splices and tray connection hardware



## VASP VERTICAL ADJUSTABLE SPLICE KIT A

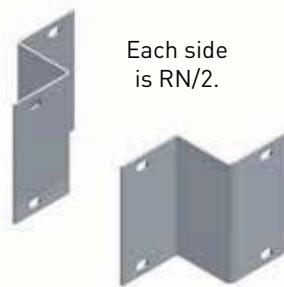


PRODUCT CODE	FASTENER OPTIONS
VASP	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	Fasteners
4 A - <b>VASP</b> - G E	

- Includes splices and tray connection hardware



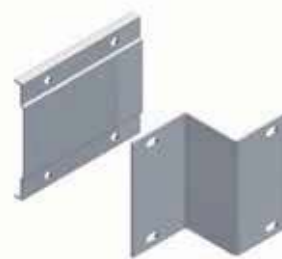
## SRSP STRAIGHT REDUCER SPLICE KIT A



PRODUCT CODE	FASTENER OPTIONS
SRSP	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	RN Fasteners
4 A - <b>SRSP</b> - 0 6 - G E	

- Includes splices and tray connection hardware

## ORSP OFFSET REDUCER SPLICE KIT A



PRODUCT CODE	FASTENER OPTIONS
ORSP	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	RN Fasteners
4 A - <b>ORSP</b> - 0 6 - S 6	

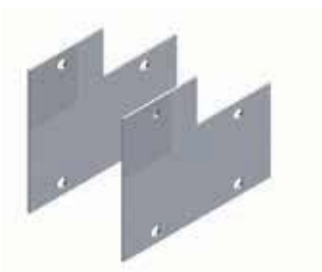
- Includes splices and tray connection hardware
- Patented design

### TRAY WIDTH REDUCTION (RN) INCHES

3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27

### RHSP REDUCING HEIGHT SPLICE KIT

A



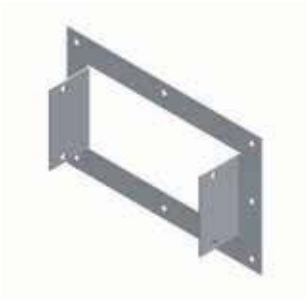
PRODUCT CODE	FASTENER OPTIONS
RHSP	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H1 / H2 / Material	Fasteners
5 4 A - RHSP	- GE

H1	H2 OPTIONS		
5	4	-	-
6	4	5	-
7	4	5	6

- Includes splices and tray connection hardware

### TBC TRAY-TO-BOX CONNECTOR (FRAME TYPE)

A

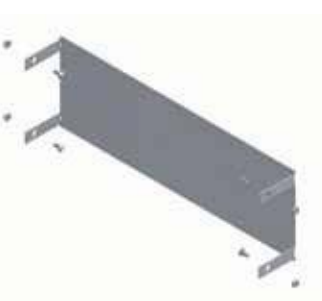


PRODUCT CODE	FASTENER OPTIONS
TBC	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	W Fasteners
4 A - TBC	- 06 - S6

- Includes one frame and connection hardware
- Designed to support Itray at connection to electrical enclosures

### BE BLIND END KIT

A



PRODUCT CODE	FASTENER OPTIONS
BE	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	W Fasteners
4 A - BE	- 06 - S6

- Includes one frame and connection hardware

### DO DROP OUT KIT

A



PRODUCT CODE	FASTENER OPTIONS
DO	S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
Material	W Fasteners
A - DO	- 06 - S6

- Snaps in place over I-rung

### DIV VERTICAL ELBOW DIVIDERS

A



PRODUCT CODE	FASTENER OPTIONS
DIV	ZN S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	Elbow R Fasteners
6 A - DIV	- 90V024 - S6 J

- Each divider includes two self-drilling screws

**RADIUS (R) INCHES**  
12 | 24 | 36

**WIDTHS (W) INCHES**  
6 | 9 | 12 | 18 | 24 | 30 | 36

**RAIL HEIGHTS (H) INCHES**  
4 | 5 | 6 | 7

### IP34 CABLE TRAY ISOLATION PAD



PRODUCT CODE	WIDTH	LENGTH (FOLDED)
IP34	2.75	4

- Reduces vibration from industrial machinery
- Use an electrical isolation barrier or as a barrier between dissimilar metals
- High-visibility red color is useful during inspections
- Made from durable HDPE (High-Density Polyethylene)
- Use with a hold-down clamp or as configured for an expansion guide



## OHC B OVERHEAD CLAMP KIT

A



- Designed for trapeze hanging of Itray without drilling.
- Mounting kits available for 3/8" and 1/2" threaded rod
- Kit includes: eight SFHN (nuts with washers), two top brackets, two bottom brackets. Threaded rod sold separately.
- Load rated at 1220 lbs/pair
- Can be used on fittings or straight sections of PW Itray

PRODUCT CODE	HOLE SIZE	WIDTH	LENGTH (TOP)	LENGTH (BOTTOM)	FASTENERS
OBCB38KIT	.375	1.5	3.6	3	ZN
OBCB12KIT	.5	1.5	3.6	3	

## OCK OUTDOOR CONVERSION KIT

A

Makes ladder tray wall penetrations weather resistant to minimize water intrusions. Removable cover/shield fastens to tray and wall penetration sleeve for the utmost in weather protection.

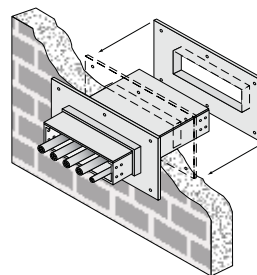


PRODUCT CODE	FASTENER OPTIONS
OCK	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	W Fasteners
4 A - OCK	- 06 - S6

- Wall Penetration Sleeve (WPS or FWPS) not included in kit, must be ordered separately

## FWPS FIRE WALL PENETRATION SLEEVE

M G

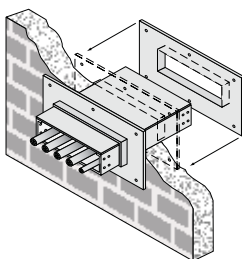


PRODUCT CODE	FASTENER OPTIONS
FWPS	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	W Fasteners
4 G - FWPS	- 06 - S6

- Steel only; aluminum not available as it does not meet fire rating requirements
- See pgs. B.58-59 for more information

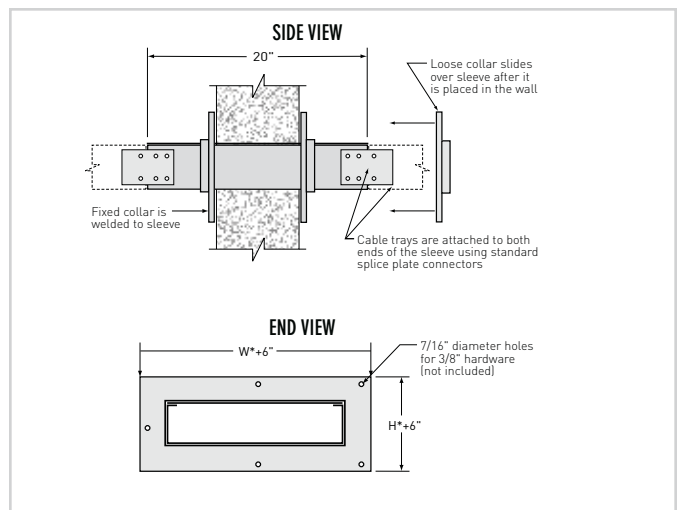
## WPS WALL PENETRATION SLEEVE

M G



Provides a rigid support for cable tray at wall penetrations. Overall length of the sleeve is 20". Will fit walls up to 8" thick. Bonding jumpers are not required for use with wall sleeves. Two pairs of splice plates and fasteners are included for tray attachment.

PRODUCT CODE	FASTENER OPTIONS
WPS	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
H / Material	W Fasteners
4 M - WPS	- 06 - S6



### Each cable tray firestop sleeve includes:

- One penetration sleeve with flanges
- Hilti Fire Blocks
- One Hilti Firestop Putty Stick
- Hardware for cable tray connection to the wall sleeve

UL classified for use with:  
 2-hr concrete or block walls  
 2-hr concrete floors  
 1-hr gypsum walls  
 2-hr gypsum walls



## STANDARD RUNGS

This is the standard rung for all 6"-24" wide aluminum ladder trays.

RUNG TYPE		MECHANICAL PROPERTIES
AL	I-BEAM	MINIMUM THICKNESS = 0.050" MOMENT OF INERTIA: $I_x = 0.044 \text{ IN}^4$ SECTION MODULUS: $S_x = 0.0869 \text{ IN}^3$

RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)								
		TRAY WIDTH (IN.)								
		6	9	12	18	24	30	36	42	48
6	1	5330	3553	2665	1777	1332	AH	AH	AH	AH
	2	6814	4276	3007	1738	1104	AH	AH	AH	AH
9	1	3553	2369	1777	1184	888	AH	AH	AH	AH
	2	4543	2851	2005	1159	736	AH	AH	AH	AH
12*	1	2665	1777	1332	888	667	AH	AH	AH	AH
	2	3407	2138	1504	869	552	AH	AH	AH	AH
18	1	1777	1184	888	592	444	AH	AH	AH	AH
	2	2271	1425	1002	579	368	AH	AH	AH	AH

This is the standard rung for all aluminum ladder trays 30" and wider.

RUNG TYPE		MECHANICAL PROPERTIES
AH	I-BEAM	MINIMUM THICKNESS = 0.070" MOMENT OF INERTIA: $I_x = 0.0510 \text{ IN}^4$ SECTION MODULUS: $S_x = 0.0981 \text{ IN}^3$

RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)								
		TRAY WIDTH (IN.)								
		6	9	12	18	24	30	36	42	48
6	1	AL	AL	AL	AL	AL	1360	1134	972	850
	2	AL	AL	AL	AL	AL	1143	819	588	415
9	1	AL	AL	AL	AL	AL	907	756	648	567
	2	AL	AL	AL	AL	AL	762	546	392	276
12*	1	AL	AL	AL	AL	AL	680	567	486	425
	2	AL	AL	AL	AL	AL	572	410	294	207
18	1	AL	AL	AL	AL	AL	453	378	324	283
	2	AL	AL	AL	AL	AL	381	273	196	138

Standard rung for 8" and larger siderail cable trays. Designed for extremely heavy load applications. This profile will accept strut hardware and accessories. Trays which use this rung will have a load depth equal to the side rail height minus 1 5/8". SR rungs are installed alternating slot up and slot down.

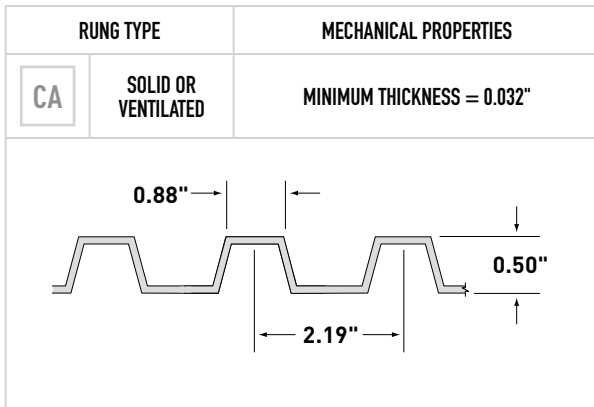
RUNG TYPE		MECHANICAL PROPERTIES
SR	SLOTTED†	MINIMUM THICKNESS = 0.102" MOMENT OF INERTIA: $I_x = 0.1848 \text{ IN}^4$ SECTION MODULUS: $S_x = 0.2039 \text{ IN}^3$

RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)								
		TRAY WIDTH (IN.)								
		6	9	12	18	24	30	36	42	48
6	1	9999	8700	6525	4350	3262	2610	2175	1864	1631
	2	9999	8700	6525	4350	3262	2610	2175	1864	1576
9	1	8700	5800	4350	2900	2175	1740	1450	1243	1087
	2	8700	5800	4350	2900	2175	1740	1450	1243	1050
12*	1	6525	4350	3262	2175	1631	1305	1087	932	816
	2	6525	4350	3262	2175	1631	1305	1087	932	788
18	1	4350	2900	2175	1450	1087	870	725	621	544
	2	4350	2900	2175	1450	1087	870	725	621	525

## STANDARD CORRUGATED BOTTOM

A

This is the standard corrugated bottom used for all aluminum, solid-bottom tray systems up to and including NEMA Class 20C. Corrugated bottoms are not available in widths greater than 36". For extremely heavy load applications, Ladder type tray is recommended.

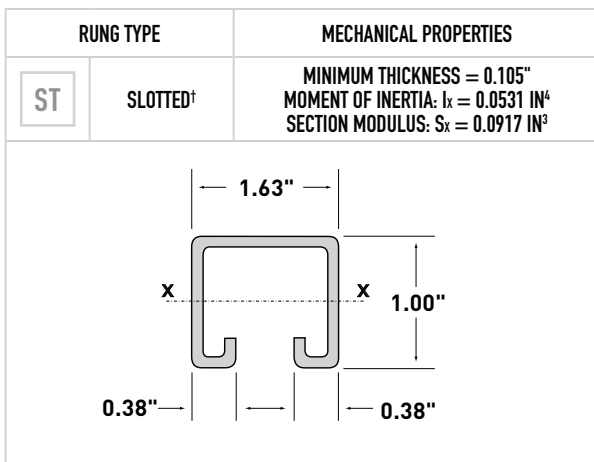


LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)						
	TRAY WIDTH (IN.)						
	6	9	12	18	24	30	36
1	2000	1333	1000	667	500	400	333
2	2000	1333	1000	600	350	200	100

## UPGRADE BOTTOM

A

This is the upgrade slotted rung for all aluminum ladder cable tray. This rung is also available for all aluminum ladders for extremely heavy load applications. ST rungs are installed alternating slot up and slot down.



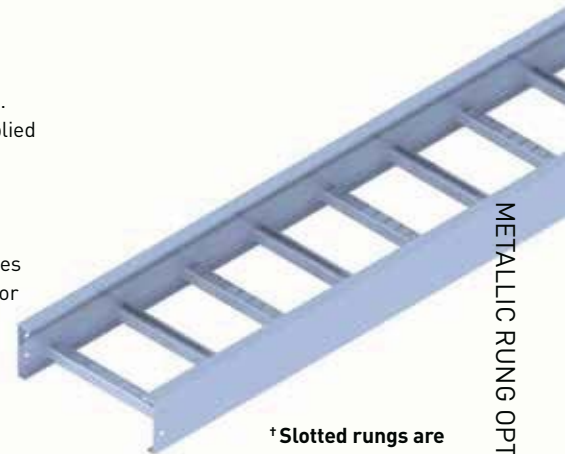
RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)									
		TRAY WIDTH (IN.)									
		6	9	12	18	24	30	36	42	48	
6	1	6602	4402	3301	2201	1651	1320	1100	943	825	
	2	6602	4402	3301	2201	1604	1123	803	574	402	
9	1	4402	2934	2201	1467	1100	880	734	629	550	
	2	4402	2934	2201	1467	1069	749	535	382	268	
12*	1	3301	2201	1651	1100	825	660	550	472	413	
	2	3301	2201	1651	1100	802	562	401	287	201	
18	1	2201	1467	1100	734	550	440	367	314	275	
	2	2201	1467	1100	734	535	374	268	191	134	

**1 SAFE LOAD/CABLE LOAD ONLY:** Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a safety factor of 1.5. To convert Safe Load/Cable Load Only to reflect a safety factor of 2.0, multiply the safe loads shown by 0.75.

**2 SAFE LOAD / CABLE LOAD +200 LBS:** Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a 200 lb. concentrated static load applied at the center of the rung, without collapse.

**3** Will not support a 200 lb. concentrated static load applied at the center of the rung.

[XX] Two digit code in the safe load limit tables indicates recommended rung option for specified width.



† Slotted rungs are installed alternating slot up and slot down.

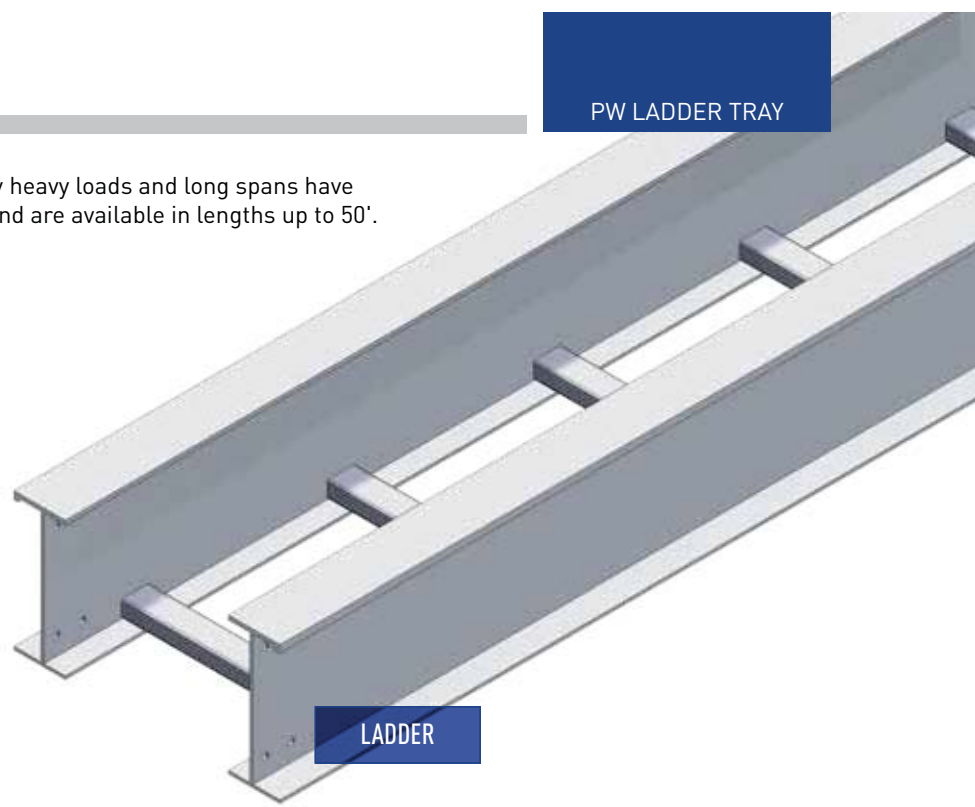
METALLIC RUNG OPTIONS

\* Single rung load capacity: The data shown for 12" rung spacing is equivalent to the load capacity of the single rung.

# LONG-SPAN

Trays for extremely heavy loads and long spans have I-beam side rails and are available in lengths up to 50'.

A	ALUMINUM
G	HOT-DIP GALVANIZED STEEL



**WIDTHS (W)** INCHES

12 | 18 | 24 | 30 | 36

**RAIL HEIGHTS (H)** INCHES

8 | 10

**LENGTHS (L)** FEET

30 | 40 | 50

**CONNECTORS/SPLICES:**


Necessary connectors and fasteners are supplied with each section. Extra connectors for field cuts or unusual requirements must be ordered separately.


**SAFE LOAD:**

Allowable cable load in pounds per linear foot uniformly distributed. Based on tray with standard rung on 9" centers and supported on simple beam with safety factor of 1.5 per NEMA VE1.

**CONCENTRATED LOAD:**

All ladders will support a 200 lb. concentrated load applied at the center of the tray in addition to the NEMA-rated cable load without collapse.

RAIL HEIGHT (IN.)	LOAD DEPTH (IN.)	RAIL FLANGE (IN.)	NEMA CLASS	CSA CLASS	SERIES	TRAY SYSTEM NUMBER	AMP RATING
8	6*	3	20C+	E, 6M	S2		
	6*	2½			S2	4823	2000
10	6*	4			S2	4812	2000
					S2	4904	2000

RAIL HEIGHT (IN.)	LOAD DEPTH (IN.)	RAIL FLANGE (IN.)	NEMA CLASS	CSA CLASS	SERIES	TRAY SYSTEM NUMBER	AMP RATING
8	6*	2¼	20C+	-	S2		
		4			S2	1952	600
10	5	4			S2	1953	600
					S2	1954†	600

\* 6" load depth is the maximum permissible by NEC; † Fittings not available



Legrand trays marked with CSA load class have been tested (loading, finish and electrical) by UL to CSA standard 126 22.2 .



All Legrand aluminum and steel cable trays are Classified by UL as equipment grounding conductors per NEC 392.60. (UL File No. E60796)

	22	24	26	28	30	34	36	40							
218	2.22	179	2.58	150	2.98	127	3.39	108	3.81	76	4.44	64	4.70	48	5.31
236	2.37	194	2.75	162	3.17	137	3.60	117	4.05	82	4.69	69	4.97	52	5.70
331	1.39	278	1.66	237	1.94	204	2.25	178	2.59	138	3.32	123	3.73	100	4.60

	22	24	26	28	30	32	34	36	38	40	45	50											
167	1.06	141	1.27	120	1.49	103	1.72	90	1.98	81	2.22	68	2.47	60	2.72	54	3.06	48	3.31				
298	1.18	250	1.41	213	1.65	184	1.92	160	2.20	139	2.47	121	2.74	107	3.05	95	3.35	85	3.69	66	4.00	51	5.37
744	1.26	625	1.50	533	1.77	459	2.05	400	2.35	347	2.64	304	2.95	268	3.26	238	3.60	212	3.94	164	4.87	124	5.62

**LONG-SPAN STRAIGHT SECTION CATALOG NUMBERING EXAMPLE:**

**BOTTOM TYPE** ← **09 - 4823 - 0030 - 36** → **WIDTH**

**VENTED**  
 09 - 9" Rung Spacing\*  
 12 - 12" Rung Spacing  
 \* Standard rung spacing

**TRAY SYSTEM NUMBER**  
 This identifies the specific tray design and is used as a product number prefix for straight sections.

**LENGTH\*\***  
 0030 - 30'-0"  
 0040 - 40'-0"  
 0050 - 50'-0"

**WIDTH**  
 12 - 12"  
 18 - 18"  
 24 - 24"  
 30 - 30"  
 36 - 36"

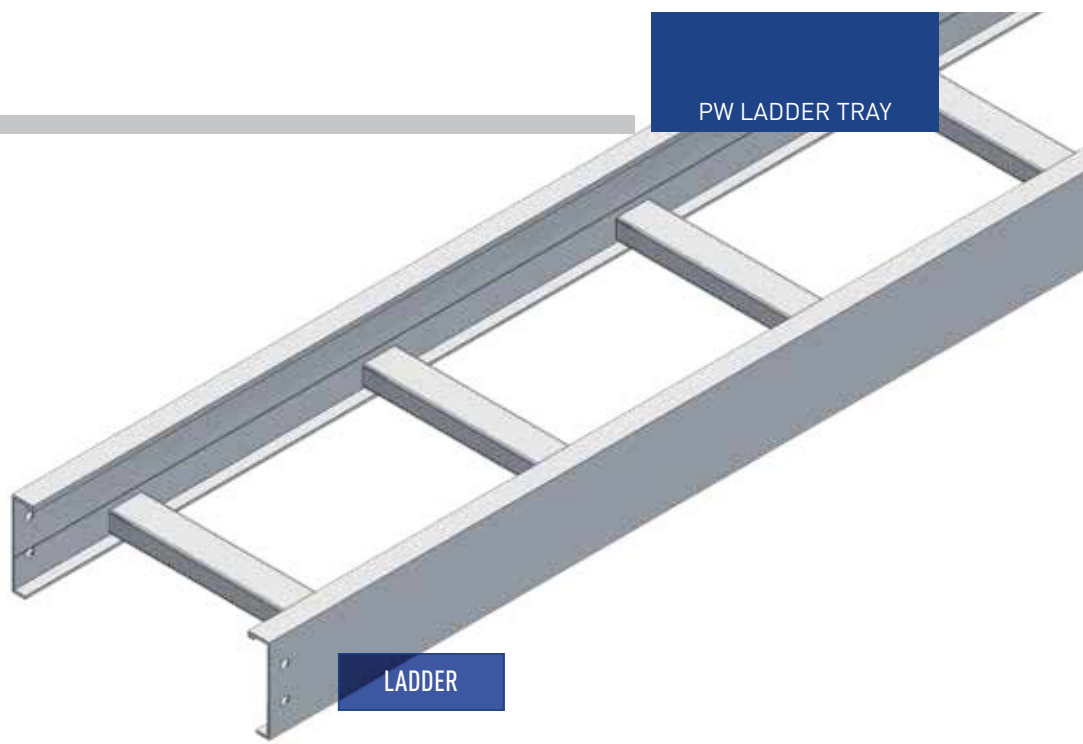
**\*\* For spans shorter than 30' use 7A24C series. See page B.10.**

METALLIC STRAIGHT SECTIONS - LONG-SPAN

# STEEL

**G**

HOT-DIP GALVANIZED STEEL



**WIDTHS (W) INCHES**

6 | 9 | 12 | 18 | 24 | 30 | 36

**RAIL HEIGHTS (H) INCHES**

4 | 5 | 6 | 7

**LENGTHS (L) FEET**

10 | 12 | 20 | 24

**CONNECTORS/SPLICES:**

Necessary connectors and fasteners are supplied with each section. Extra connectors for field cuts or unusual requirements must be ordered separately.

**SAFE LOAD:**

Allowable cable load in pounds per linear foot uniformly distributed. Based on tray with standard rung on 9" centers and supported on simple beam with safety factor of 1.5 per NEMA VE1.

**CONCENTRATED LOAD:**

All ladders with solid rungs and trays with corrugated bottoms will support a 200 lb. concentrated load applied at the center of the tray in addition to the NEMA-rated cable load without collapse.

RAIL HEIGHT (IN.)	LOAD DEPTH (IN.)	RAIL FLANGE (IN.)	NEMA CLASS	CSA CLASS	SERIES	TRAY SYSTEM NUMBER		AMP RATING
4	3	1	12C, 16A	D, 3M	S1	A457	-	100
			20A, 16B	-	S2	1D80	1D81	200
		1 3/4	20B, 16C	D, 6M	S2	1D82	1D83	400
			20C	E, 6M	S2	1D69*	1D70	400
5	4	1	12C, 16A	D, 3M	S1	1E72	-	100
			20B, 16C	-	S2	1E45	1E46	400
		1 3/4	20C	D, 6M	S2	1E53*	1E54	400
6	5	1	12C, 16A	D, 3M	S1	A639	-	100
			20B, 16C	E, 6M	S2	1F45*	1F46	400
		1 3/4	20C	E, 6M	S2	1F53*	1F54	400
7	6	1	12C, 16A	D, 3M	S1	1772	-	100
			20B, 16C	E, 6M	S2	1755*	1756	400
		1 3/4	20C	E, 6M	S2	1753	1754	400

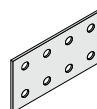
\*1D69, 1F45, and 1F53 corrugated bottom tray systems have a CSA load class D,6M rating. 1E53 and 1755 corrugated bottom tray systems do not have CSA load class ratings.

**SPLICES** Match above to determine the connectors you need.



**SERIES1**

Fitting side rails have 2" tangents (flat portion beyond curvature) at the end of each fitting, to accommodate splice plates with four holes.



**SERIES2**

Fitting side rails have 5" tangents at the end of each fitting, to accommodate splice plates with eight holes.



	SUPPORT SPAN (FT.)																			
	6	8	10	12	14	16	18	20	22	24										
	SAFE LOAD DATA (LBS./FT.) / DEFLECTION (IN.) / SAFETY FACTOR 1.5																			
439	0.31	250	0.55	160	0.86	111	1.24	78	1.61	58	2.06									
439	0.20	338	0.51	216	0.79	150	1.14	110	1.55	84	2.02	67	2.56	54	3.16	44	3.74	34	4.07	
439	0.16	439	0.50	312	0.88	217	1.26	159	1.72	122	2.25	96	2.84	78	3.51	63	4.18	52	4.87	
		439	0.39	400	0.87	278	1.25	204	1.70	156	2.21	123	2.80	100	3.46	81	4.09	66	4.77	
400	0.21	225	0.38	144	0.59	100	0.85	71	1.13	52	1.40									
439	0.11	439	0.37	304	0.62	211	0.90	155	1.22	119	1.59	94	2.02	76	2.49	61	2.92	50	3.38	
		439	0.34	400	0.75	278	1.08	204	1.47	156	1.92	123	2.43	100	3.00	81	3.54	60	4.13	
420	0.13	236	0.22	151	0.35	105	0.50	74	0.65	55	0.83									
439	0.08	439	0.25	336	0.47	233	0.68	171	0.92	131	1.20	104	1.52	84	1.88	68	2.24	53	2.47	
		439	0.20	439	0.50	319	0.75	235	1.02	180	1.34	142	1.69	115	2.09	93	2.48	73	2.75	
400	0.10	225	0.18	144	0.28	100	0.40	71	0.53	52	0.66									
439	0.07	439	0.22	300	0.38	208	0.54	153	0.73	117	0.96	93	1.22	75	1.50	61	1.79	50	2.08	
		439	.017	439	0.42	319	0.63	235	0.86	180	1.12	142	1.42	115	1.75	93	2.11	76	2.52	

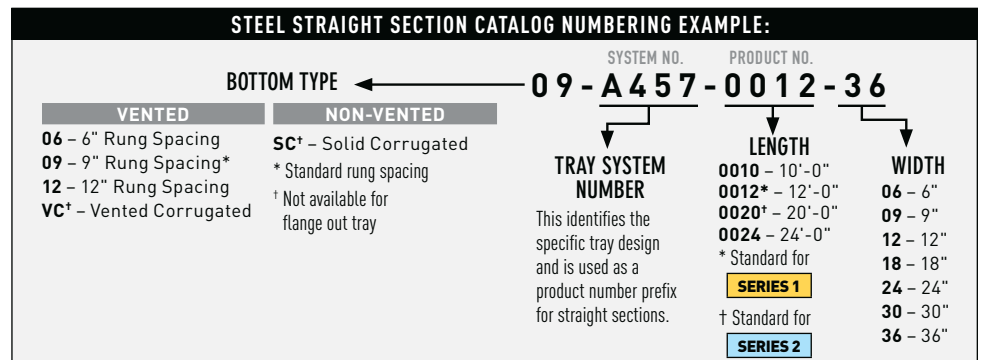


Legrand trays marked with CSA load class have been tested (loading, finish and electrical) by UL to CSA standard 126 22.2 .



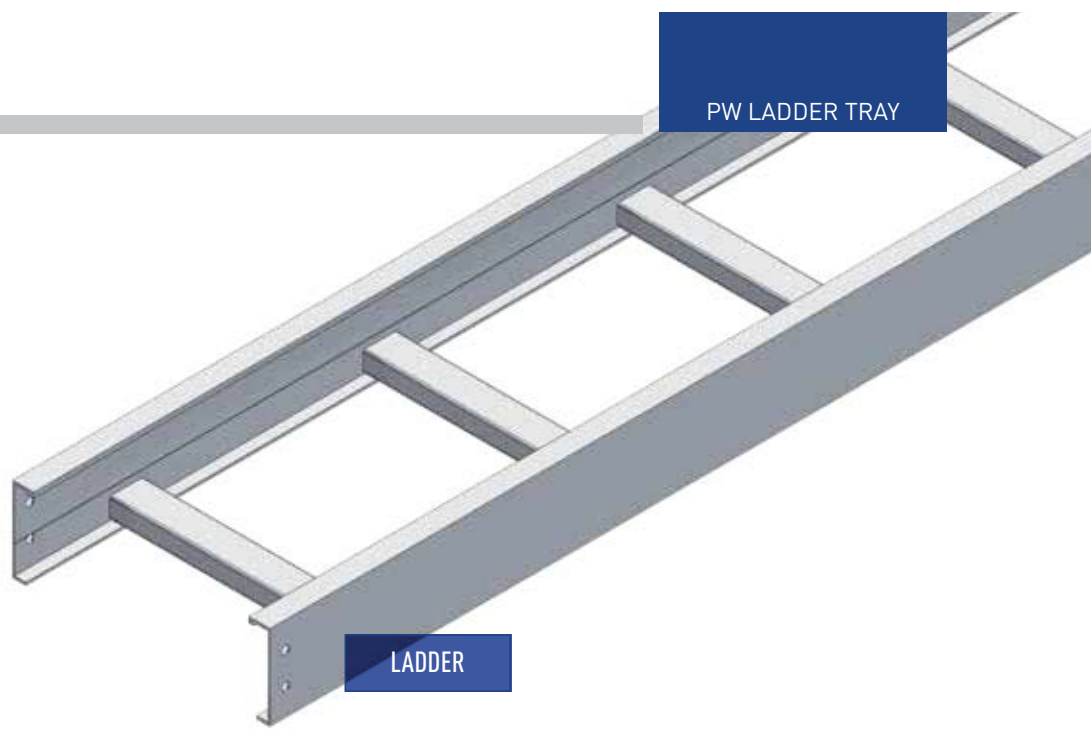
All Legrand steel cable trays are Classified by UL as equipment grounding conductors per NEC 392.60. (UL File No. E60796)

METALLIC STRAIGHT SECTIONS - STEEL



# STAINLESS STEEL

L	STAINLESS STEEL AISI Type 304L
T	STAINLESS STEEL AISI Type 316L



**WIDTHS (W) INCHES**

6 | 9 | 12 | 18 | 24 | 30 | 36

**RAIL HEIGHTS (H) INCHES**

4 | 5 | 6 | 7

**LENGTHS (L) FEET**

10 | 12 | 20 | 24

**CONNECTORS/SPLICES:**

Necessary connectors and fasteners are supplied with each section. Extra connectors for field cuts or unusual requirements must be ordered separately.

**SAFE LOAD:**

Allowable cable load in pounds per linear foot uniformly distributed. Based on tray with standard rung on 9" centers and supported on simple beam with safety factor of 1.5 per NEMA VE1.

**CONCENTRATED LOAD:**

All ladders with solid rungs and trays with corrugated bottoms will support a 200 lb. concentrated load applied at the center of the tray in addition to the NEMA-rated cable load without collapse.

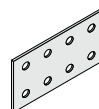
RAIL HEIGHT (IN.)	LOAD DEPTH (IN.)	RAIL FLANGE (IN.)	NEMA CLASS	SERIES	TRAY SYSTEM NUMBER			
4	3	1	12B	S1	3408	3416	-	-
			12C, 16A	S1	3409	3417	-	-
		1 3/4	20A, 16B	S2	3476	3D85	3D63	3D82
			20B, 16C	S2	3456	3D92	3D93	3D58
		20C	S2	3406	3445	3407	3446	
5	4	1	12B	S1	3504	3514	-	-
			12C, 16A	S1	3505	3515	-	-
		1 3/4	20B, 16C	S2	3551	3594	3550	3582
			20C	S2	3587	3593	3592	3583
6	5	1	12B	S1	3603	3620	-	-
			12C, 16A	S1	3604	3621	-	-
		1 3/4	20B, 16C	S2	3F67	3F85	3F68	3F66
			20C	S2	3645	3F35	3F58	3F61
7	6	1	12B	S1	3734	3738	-	-
			12C, 16A	S1	3735	3739	-	-
		1 3/4	20B, 16C	S2	3701	3723	3754	3756
			20C	S2	3714	3724	3722	3760

**SPLICES** Match above to determine the connectors you need.



**SERIES1**

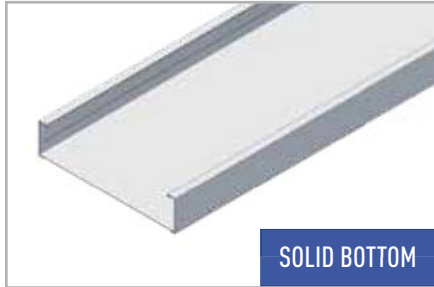
Fitting side rails have 2" tangents (flat portion beyond curvature) at the end of each fitting, to accommodate splice plates with four holes.



**SERIES2**

Fitting side rails have 5" tangents at the end of each fitting, to accommodate splice plates with eight holes.





SOLID BOTTOM

	SUPPORT SPAN (FT.)																			
	6	8	10	12	14	16	18	20	22	24										
	SAFE LOAD DATA (LBS./FT.) / DEFLECTION (IN.) / SAFETY FACTOR 1.5																			
300	0.30	169	0.54	108	0.85	75	1.22													
400	0.32	225	0.57	144	0.90	100	1.29	71	1.71	52	2.13									
556	0.31	313	0.55	200	0.86	139	1.24	102	1.69	78	2.20	62	2.79	50	3.44					
564	0.24	469	0.62	300	0.97	208	1.39	153	1.89	117	2.47	93	3.13	75	3.70	86	4.60	48	5.13	
		564	0.54	400	0.94	278	1.36	204	1.85	156	2.41	123	3.05	100	3.77	81	4.45	63	4.96	
300	0.20	169	0.35	108	0.55	75	0.79													
400	0.23	225	0.41	144	0.64	100	0.93	71	1.23	52	1.53									
564	0.16	469	0.42	300	0.66	208	0.95	153	1.29	117	1.69	93	2.14	75	2.64	61	3.14	48	3.51	
		564	0.46	400	0.80	278	1.16	204	1.57	156	2.05	123	2.60	100	3.21	81	3.79	63	4.22	
300	0.11	169	0.20	108	0.31	75	0.45													
400	0.14	225	0.24	144	0.38	100	0.54	71	0.71	52	0.89									
564	0.12	469	0.32	300	0.51	208	0.73	153	0.99	117	1.30	93	1.64	75	2.03	61	2.42	48	2.70	
		564	0.31	400	0.54	278	0.77	204	1.05	156	1.38	123	1.74	100	2.15	81	2.54	63	2.83	
300	0.10	169	0.17	108	0.27	75	0.39													
400	0.11	225	0.19	144	0.30	100	0.43	71	0.57	52	0.71									
564	0.10	469	0.26	300	0.41	208	0.58	153	0.79	117	1.04	93	1.31	75	1.62	61	1.93	48	2.15	
		564	0.28	400	0.48	278	0.69	204	0.93	156	1.22	123	1.55	100	1.91	81	2.05	63	2.28	

**STAINLESS STEEL STRAIGHT SECTION CATALOG NUMBERING EXAMPLE:**

**09-3620-0012-18**

**BOTTOM TYPE** ←

**VENTED**

06 – 6" Rung Spacing  
09 – 9" Rung Spacing\*  
12 – 12" Rung Spacing

**NON-VENTED**

SF† – Solid Flat Bottom

\* Standard rung spacing  
† Not available with flange out tray

**TRAY SYSTEM NUMBER**

This identifies the specific tray design and is used as a product number prefix for straight sections.

**LENGTH**

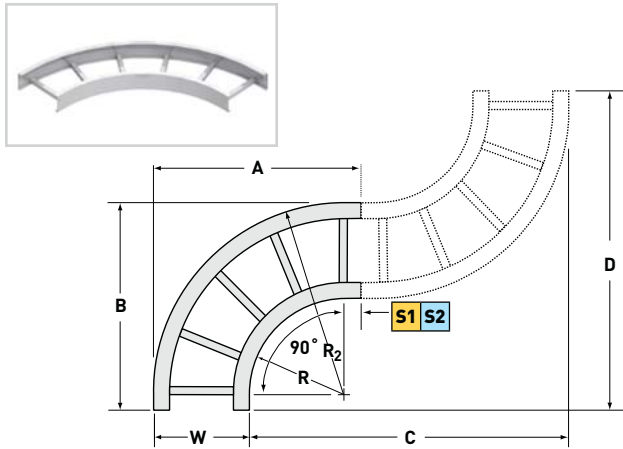
0010 – 10'-0"  
0012\* – 12'-0"  
0020† – 20'-0"  
0024 – 24'-0"  
\* Standard for **SERIES 1**  
† Standard for **SERIES 2**

**WIDTH**

06 – 6"  
09 – 9"  
12 – 12"  
18 – 18"  
24 – 24"  
30 – 30"  
36 – 36"

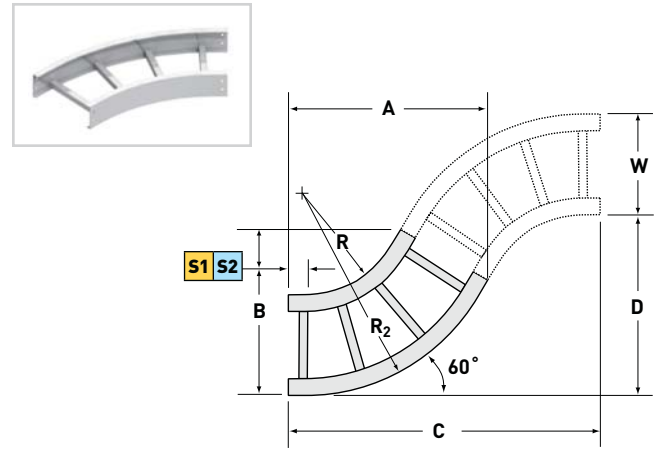
HORIZONTAL 90° ELBOW

G L T



HORIZONTAL 60° ELBOW

G L T



PRODUCT NUMBER RADIUS (IN.)	W	R2	SERIES1				SERIES2			
			A	B	C	D	A	B	C	D
9012 12"	6	18	20	20	34	34	23	23	40	40
	9	21	23	23	37	37	26	26	43	43
	12	24	26	26	40	40	29	29	46	46
	18	30	32	32	46	46	35	35	52	52
	24	36	38	38	52	52	41	41	58	58
	30	42	44	44	58	58	47	47	64	64
9024 24"	6	30	32	32	58	58	35	35	64	64
	9	33	35	35	61	61	38	38	67	67
	12	36	38	38	64	64	41	41	70	70
	18	42	44	44	70	70	47	47	76	76
	24	48	50	50	76	76	53	53	82	82
	30	54	56	56	82	82	59	59	88	88
9036 36"	6	42	44	44	82	82	47	47	88	88
	9	45	47	47	85	85	50	50	91	91
	12	48	50	50	88	88	53	53	94	94
	18	54	56	56	94	94	59	59	100	100
	24	60	62	62	100	100	65	65	106	106
	30	66	68	68	106	106	71	71	112	112
36	72	74	74	112	112	77	77	118	118	

PRODUCT NUMBER RADIUS (IN.)	W	R2	SERIES1				SERIES2			
			A	B	C	D	A	B	C	D
6012 12"	6	18	18 <sup>5</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>4</sub>	32	18 <sup>1</sup> / <sub>2</sub>	23 <sup>3</sup> / <sub>8</sub>	16 <sup>3</sup> / <sub>8</sub>	41	23 <sup>3</sup> / <sub>4</sub>
	9	21	21 <sup>1</sup> / <sub>4</sub>	16 <sup>3</sup> / <sub>4</sub>	34 <sup>5</sup> / <sub>8</sub>	20	25 <sup>5</sup> / <sub>8</sub>	19 <sup>3</sup> / <sub>8</sub>	43 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>4</sub>
	12	24	23 <sup>3</sup> / <sub>4</sub>	19 <sup>1</sup> / <sub>4</sub>	37 <sup>1</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>2</sub>	28 <sup>3</sup> / <sub>8</sub>	22 <sup>3</sup> / <sub>8</sub>	46 <sup>1</sup> / <sub>4</sub>	26 <sup>3</sup> / <sub>4</sub>
	18	30	29	25 <sup>3</sup> / <sub>4</sub>	42 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>2</sub>	33 <sup>1</sup> / <sub>2</sub>	28 <sup>3</sup> / <sub>8</sub>	51 <sup>3</sup> / <sub>8</sub>	29 <sup>3</sup> / <sub>4</sub>
	24	36	34 <sup>1</sup> / <sub>8</sub>	31 <sup>3</sup> / <sub>4</sub>	47 <sup>1</sup> / <sub>2</sub>	27 <sup>1</sup> / <sub>2</sub>	38 <sup>5</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	56 <sup>1</sup> / <sub>2</sub>	32 <sup>3</sup> / <sub>4</sub>
	30	42	39 <sup>3</sup> / <sub>8</sub>	37 <sup>3</sup> / <sub>4</sub>	52 <sup>3</sup> / <sub>4</sub>	30 <sup>1</sup> / <sub>2</sub>	43 <sup>3</sup> / <sub>8</sub>	40 <sup>3</sup> / <sub>8</sub>	61 <sup>3</sup> / <sub>4</sub>	35 <sup>3</sup> / <sub>4</sub>
6024 24"	6	30	29	19 <sup>3</sup> / <sub>4</sub>	52 <sup>3</sup> / <sub>4</sub>	30 <sup>1</sup> / <sub>2</sub>	33 <sup>1</sup> / <sub>2</sub>	22 <sup>3</sup> / <sub>8</sub>	61 <sup>3</sup> / <sub>4</sub>	35 <sup>3</sup> / <sub>4</sub>
	9	33	31 <sup>5</sup> / <sub>8</sub>	22 <sup>3</sup> / <sub>4</sub>	55 <sup>3</sup> / <sub>8</sub>	32	36 <sup>1</sup> / <sub>8</sub>	25 <sup>3</sup> / <sub>8</sub>	64 <sup>3</sup> / <sub>8</sub>	37 <sup>1</sup> / <sub>4</sub>
	12	36	34 <sup>1</sup> / <sub>8</sub>	25 <sup>3</sup> / <sub>4</sub>	57 <sup>7</sup> / <sub>8</sub>	33 <sup>1</sup> / <sub>2</sub>	38 <sup>3</sup> / <sub>4</sub>	28 <sup>3</sup> / <sub>8</sub>	67	38 <sup>3</sup> / <sub>8</sub>
	18	42	39 <sup>3</sup> / <sub>8</sub>	31 <sup>3</sup> / <sub>4</sub>	63 <sup>1</sup> / <sub>8</sub>	36 <sup>1</sup> / <sub>2</sub>	43 <sup>3</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	72 <sup>1</sup> / <sub>8</sub>	41 <sup>3</sup> / <sub>4</sub>
	24	48	44 <sup>1</sup> / <sub>2</sub>	37 <sup>3</sup> / <sub>4</sub>	68 <sup>1</sup> / <sub>4</sub>	39 <sup>1</sup> / <sub>2</sub>	49 <sup>1</sup> / <sub>8</sub>	40 <sup>3</sup> / <sub>8</sub>	77 <sup>3</sup> / <sub>8</sub>	44 <sup>3</sup> / <sub>4</sub>
	30	54	49 <sup>3</sup> / <sub>4</sub>	43 <sup>3</sup> / <sub>4</sub>	73 <sup>1</sup> / <sub>2</sub>	42 <sup>1</sup> / <sub>2</sub>	54 <sup>1</sup> / <sub>8</sub>	46 <sup>3</sup> / <sub>8</sub>	82 <sup>5</sup> / <sub>8</sub>	47 <sup>3</sup> / <sub>4</sub>
6036 36"	6	42	39 <sup>3</sup> / <sub>8</sub>	25 <sup>3</sup> / <sub>4</sub>	73 <sup>1</sup> / <sub>2</sub>	42 <sup>1</sup> / <sub>2</sub>	43 <sup>3</sup> / <sub>8</sub>	28 <sup>3</sup> / <sub>8</sub>	82 <sup>1</sup> / <sub>2</sub>	47 <sup>3</sup> / <sub>4</sub>
	9	45	42	28 <sup>3</sup> / <sub>4</sub>	76 <sup>1</sup> / <sub>8</sub>	44	46 <sup>1</sup> / <sub>2</sub>	31 <sup>3</sup> / <sub>8</sub>	85 <sup>1</sup> / <sub>8</sub>	49 <sup>1</sup> / <sub>4</sub>
	12	48	44 <sup>1</sup> / <sub>2</sub>	31 <sup>3</sup> / <sub>4</sub>	78 <sup>5</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>2</sub>	49 <sup>1</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	87 <sup>3</sup> / <sub>4</sub>	50 <sup>3</sup> / <sub>4</sub>
	18	54	49 <sup>3</sup> / <sub>4</sub>	37 <sup>3</sup> / <sub>4</sub>	83 <sup>7</sup> / <sub>8</sub>	48 <sup>1</sup> / <sub>2</sub>	54 <sup>1</sup> / <sub>4</sub>	40 <sup>3</sup> / <sub>8</sub>	92 <sup>1</sup> / <sub>8</sub>	53 <sup>3</sup> / <sub>4</sub>
	24	60	54 <sup>7</sup> / <sub>8</sub>	43 <sup>3</sup> / <sub>4</sub>	89	51 <sup>1</sup> / <sub>2</sub>	59 <sup>1</sup> / <sub>2</sub>	46 <sup>3</sup> / <sub>8</sub>	98 <sup>1</sup> / <sub>8</sub>	56 <sup>3</sup> / <sub>4</sub>
	30	66	60 <sup>1</sup> / <sub>8</sub>	49 <sup>3</sup> / <sub>4</sub>	94 <sup>1</sup> / <sub>4</sub>	54 <sup>1</sup> / <sub>2</sub>	64 <sup>3</sup> / <sub>4</sub>	52 <sup>3</sup> / <sub>8</sub>	103 <sup>3</sup> / <sub>8</sub>	59 <sup>3</sup> / <sub>4</sub>
36	72	65 <sup>1</sup> / <sub>4</sub>	55 <sup>3</sup> / <sub>4</sub>	99 <sup>3</sup> / <sub>8</sub>	57 <sup>1</sup> / <sub>2</sub>	69 <sup>7</sup> / <sub>8</sub>	58 <sup>3</sup> / <sub>8</sub>	108 <sup>1</sup> / <sub>2</sub>	62 <sup>3</sup> / <sub>4</sub>	

METALLIC FITTINGS

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

RADIUS (R) INCHES

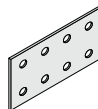
12 | 24 | 36

SPLICES Match above to determine the connectors you need.



SERIES1

Fitting side rails have 2" tangents (flat portion beyond curvature) at the end of each fitting, to accommodate splice plates with four holes.



SERIES2

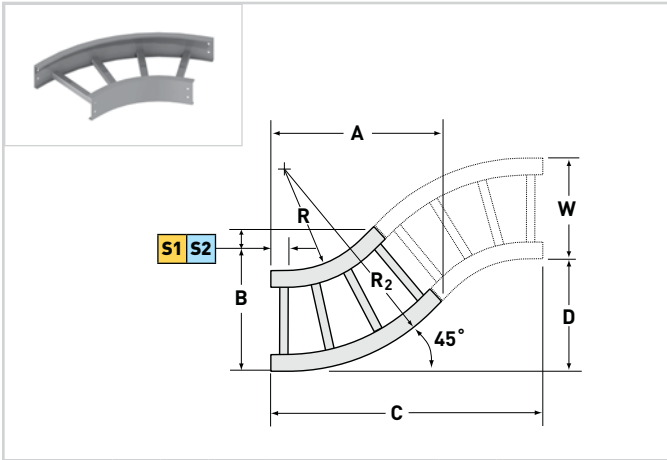
Fitting side rails have 5" tangents at the end of each fitting, to accommodate splice plates with eight holes.

CONNECTORS/SPLICES – Necessary connectors and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

## HORIZONTAL 45° ELBOW

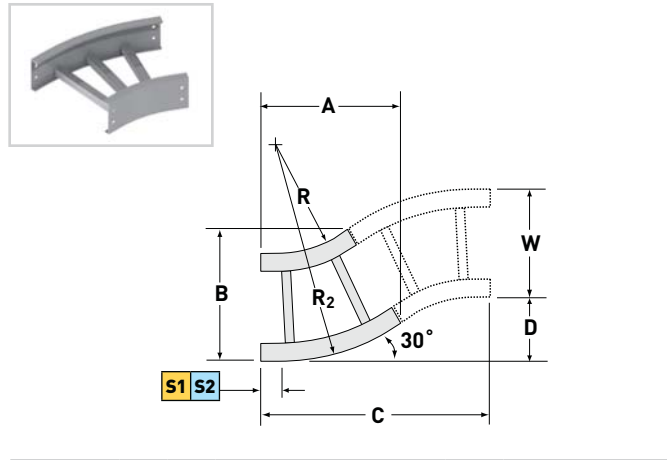
G L T



PRODUCT NUMBER RADIUS (IN.)	W	R2	SERIES1				SERIES2			
			A	B	C	D	A	B	C	D
4512 12"	6	18	16 <sup>1</sup> / <sub>8</sub>	10 <sup>7</sup> / <sub>8</sub>	28	11 <sup>5</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>8</sub>	38 <sup>3</sup> / <sub>8</sub>	16
	9	21	18 <sup>1</sup> / <sub>4</sub>	13 <sup>3</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>2</sub>	23 <sup>3</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>8</sub>	40 <sup>1</sup> / <sub>2</sub>	16 <sup>7</sup> / <sub>8</sub>
	12	24	20 <sup>3</sup> / <sub>8</sub>	16 <sup>7</sup> / <sub>8</sub>	32 <sup>1</sup> / <sub>4</sub>	13 <sup>3</sup> / <sub>8</sub>	25 <sup>1</sup> / <sub>2</sub>	19 <sup>1</sup> / <sub>8</sub>	42 <sup>5</sup> / <sub>8</sub>	17 <sup>3</sup> / <sub>4</sub>
	18	30	24 <sup>5</sup> / <sub>8</sub>	22 <sup>7</sup> / <sub>8</sub>	36 <sup>1</sup> / <sub>2</sub>	15 <sup>1</sup> / <sub>8</sub>	29 <sup>3</sup> / <sub>4</sub>	25 <sup>1</sup> / <sub>8</sub>	46 <sup>7</sup> / <sub>8</sub>	19 <sup>1</sup> / <sub>2</sub>
	24	36	28 <sup>7</sup> / <sub>8</sub>	28 <sup>7</sup> / <sub>8</sub>	40 <sup>3</sup> / <sub>4</sub>	16 <sup>3</sup> / <sub>4</sub>	34	31 <sup>1</sup> / <sub>8</sub>	51 <sup>1</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>4</sub>
	30	42	33 <sup>1</sup> / <sub>8</sub>	34 <sup>7</sup> / <sub>8</sub>	45	18 <sup>1</sup> / <sub>2</sub>	38 <sup>1</sup> / <sub>4</sub>	37 <sup>1</sup> / <sub>8</sub>	55 <sup>3</sup> / <sub>8</sub>	23
4524 24"	6	30	24 <sup>5</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>2</sub>	45	18 <sup>3</sup> / <sub>4</sub>	29 <sup>3</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>	55 <sup>1</sup> / <sub>4</sub>	23
	9	33	26 <sup>3</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>2</sub>	47 <sup>1</sup> / <sub>8</sub>	19 <sup>5</sup> / <sub>8</sub>	31 <sup>7</sup> / <sub>8</sub>	19 <sup>5</sup> / <sub>8</sub>	57 <sup>3</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>4</sub>
	12	36	28 <sup>7</sup> / <sub>8</sub>	20 <sup>1</sup> / <sub>2</sub>	49 <sup>1</sup> / <sub>4</sub>	20 <sup>1</sup> / <sub>2</sub>	34	22 <sup>5</sup> / <sub>8</sub>	59 <sup>1</sup> / <sub>2</sub>	24 <sup>3</sup> / <sub>4</sub>
	18	42	33 <sup>1</sup> / <sub>8</sub>	26 <sup>1</sup> / <sub>2</sub>	53 <sup>1</sup> / <sub>2</sub>	22 <sup>1</sup> / <sub>4</sub>	38 <sup>1</sup> / <sub>4</sub>	28 <sup>5</sup> / <sub>8</sub>	63 <sup>3</sup> / <sub>4</sub>	26 <sup>3</sup> / <sub>8</sub>
	24	48	37 <sup>3</sup> / <sub>8</sub>	32 <sup>1</sup> / <sub>2</sub>	57 <sup>3</sup> / <sub>4</sub>	23 <sup>3</sup> / <sub>8</sub>	42 <sup>1</sup> / <sub>2</sub>	34 <sup>5</sup> / <sub>8</sub>	68	28 <sup>1</sup> / <sub>4</sub>
	30	54	41 <sup>5</sup> / <sub>8</sub>	38 <sup>1</sup> / <sub>2</sub>	62	25 <sup>5</sup> / <sub>8</sub>	46 <sup>3</sup> / <sub>4</sub>	40 <sup>5</sup> / <sub>8</sub>	72 <sup>1</sup> / <sub>4</sub>	30
4536 36"	6	42	33 <sup>1</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>8</sub>	62	25 <sup>7</sup> / <sub>8</sub>	38 <sup>1</sup> / <sub>4</sub>	20 <sup>1</sup> / <sub>8</sub>	72 <sup>1</sup> / <sub>4</sub>	29 <sup>7</sup> / <sub>8</sub>
	9	45	35 <sup>1</sup> / <sub>4</sub>	21 <sup>1</sup> / <sub>8</sub>	64 <sup>1</sup> / <sub>4</sub>	26 <sup>3</sup> / <sub>4</sub>	40 <sup>3</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>	74 <sup>3</sup> / <sub>8</sub>	30 <sup>3</sup> / <sub>4</sub>
	12	48	37 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>8</sub>	66 <sup>1</sup> / <sub>4</sub>	27 <sup>5</sup> / <sub>8</sub>	42 <sup>1</sup> / <sub>2</sub>	26 <sup>1</sup> / <sub>8</sub>	76 <sup>1</sup> / <sub>2</sub>	31 <sup>3</sup> / <sub>4</sub>
	18	54	41 <sup>5</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>8</sub>	70 <sup>1</sup> / <sub>2</sub>	29 <sup>3</sup> / <sub>8</sub>	46 <sup>3</sup> / <sub>4</sub>	32 <sup>1</sup> / <sub>8</sub>	80 <sup>3</sup> / <sub>4</sub>	33 <sup>3</sup> / <sub>8</sub>
	24	60	45 <sup>7</sup> / <sub>8</sub>	36 <sup>1</sup> / <sub>8</sub>	74 <sup>3</sup> / <sub>4</sub>	31	51	38 <sup>1</sup> / <sub>8</sub>	85	35 <sup>1</sup> / <sub>4</sub>
	30	66	50 <sup>1</sup> / <sub>8</sub>	42 <sup>1</sup> / <sub>8</sub>	79	32 <sup>3</sup> / <sub>4</sub>	55 <sup>1</sup> / <sub>4</sub>	44 <sup>1</sup> / <sub>8</sub>	89 <sup>1</sup> / <sub>4</sub>	37
36	72	54 <sup>3</sup> / <sub>8</sub>	48 <sup>1</sup> / <sub>8</sub>	83 <sup>1</sup> / <sub>4</sub>	34 <sup>1</sup> / <sub>2</sub>	59 <sup>1</sup> / <sub>2</sub>	50 <sup>1</sup> / <sub>8</sub>	93 <sup>1</sup> / <sub>2</sub>	38 <sup>3</sup> / <sub>4</sub>	

## HORIZONTAL 30° ELBOW

G L T



PRODUCT NUMBER RADIUS (IN.)	W	R2	SERIES1				SERIES2			
			A	B	C	D	A	B	C	D
3012 12"	6	18	12 <sup>3</sup> / <sub>4</sub>	8 <sup>5</sup> / <sub>8</sub>	22 <sup>1</sup> / <sub>2</sub>	6	18 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>4</sub>	9
	9	21	14 <sup>1</sup> / <sub>4</sub>	11 <sup>5</sup> / <sub>8</sub>	24	6 <sup>3</sup> / <sub>8</sub>	19 <sup>1</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	35 <sup>1</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>
	12	24	15 <sup>5</sup> / <sub>8</sub>	14 <sup>5</sup> / <sub>8</sub>	25 <sup>1</sup> / <sub>2</sub>	6 <sup>7</sup> / <sub>8</sub>	21 <sup>3</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>8</sub>	36 <sup>3</sup> / <sub>4</sub>	9 <sup>7</sup> / <sub>8</sub>
	18	30	18 <sup>3</sup> / <sub>4</sub>	20 <sup>5</sup> / <sub>8</sub>	28 <sup>1</sup> / <sub>2</sub>	7 <sup>5</sup> / <sub>8</sub>	24 <sup>3</sup> / <sub>8</sub>	22 <sup>1</sup> / <sub>8</sub>	39 <sup>3</sup> / <sub>4</sub>	10 <sup>5</sup> / <sub>8</sub>
	24	36	21 <sup>3</sup> / <sub>4</sub>	26 <sup>5</sup> / <sub>8</sub>	31 <sup>1</sup> / <sub>2</sub>	8 <sup>3</sup> / <sub>8</sub>	27 <sup>3</sup> / <sub>8</sub>	28 <sup>1</sup> / <sub>8</sub>	42 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>
	30	42	24 <sup>3</sup> / <sub>4</sub>	32 <sup>5</sup> / <sub>8</sub>	34 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>	30 <sup>3</sup> / <sub>8</sub>	34 <sup>1</sup> / <sub>8</sub>	45 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>8</sub>
3024 24"	6	30	18 <sup>3</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>4</sub>	34 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>	24 <sup>3</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>4</sub>	45 <sup>3</sup> / <sub>4</sub>	12 <sup>1</sup> / <sub>4</sub>
	9	33	20 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>4</sub>	36	9 <sup>5</sup> / <sub>8</sub>	25 <sup>7</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>4</sub>	47 <sup>1</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>8</sub>
	12	36	21 <sup>3</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	37 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>8</sub>	27 <sup>3</sup> / <sub>8</sub>	17 <sup>3</sup> / <sub>4</sub>	48 <sup>3</sup> / <sub>4</sub>	13
	18	42	24 <sup>3</sup> / <sub>4</sub>	22 <sup>1</sup> / <sub>4</sub>	40 <sup>1</sup> / <sub>2</sub>	10 <sup>7</sup> / <sub>8</sub>	30 <sup>3</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>4</sub>	51 <sup>3</sup> / <sub>4</sub>	13 <sup>7</sup> / <sub>8</sub>
	24	48	27 <sup>3</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>4</sub>	43 <sup>1</sup> / <sub>2</sub>	11 <sup>5</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	29 <sup>3</sup> / <sub>4</sub>	54 <sup>3</sup> / <sub>4</sub>	14 <sup>5</sup> / <sub>8</sub>
	30	54	30 <sup>3</sup> / <sub>4</sub>	34 <sup>1</sup> / <sub>4</sub>	46 <sup>1</sup> / <sub>2</sub>	12 <sup>1</sup> / <sub>2</sub>	36 <sup>3</sup> / <sub>8</sub>	35 <sup>3</sup> / <sub>4</sub>	57 <sup>3</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>8</sub>
3036 36"	6	42	24 <sup>3</sup> / <sub>4</sub>	11 <sup>7</sup> / <sub>8</sub>	46 <sup>1</sup> / <sub>2</sub>	12 <sup>1</sup> / <sub>2</sub>	30 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	57 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>2</sub>
	9	45	26 <sup>1</sup> / <sub>4</sub>	14 <sup>7</sup> / <sub>8</sub>	48	12 <sup>7</sup> / <sub>8</sub>	31 <sup>7</sup> / <sub>8</sub>	16 <sup>3</sup> / <sub>8</sub>	59 <sup>1</sup> / <sub>4</sub>	15 <sup>5</sup> / <sub>8</sub>
	12	48	27 <sup>3</sup> / <sub>4</sub>	17 <sup>7</sup> / <sub>8</sub>	49 <sup>1</sup> / <sub>2</sub>	13 <sup>3</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	19 <sup>3</sup> / <sub>8</sub>	60 <sup>3</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>
	18	54	30 <sup>3</sup> / <sub>4</sub>	23 <sup>7</sup> / <sub>8</sub>	52 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>8</sub>	36 <sup>3</sup> / <sub>8</sub>	25 <sup>3</sup> / <sub>8</sub>	63 <sup>3</sup> / <sub>4</sub>	17
	24	60	33 <sup>3</sup> / <sub>4</sub>	29 <sup>7</sup> / <sub>8</sub>	55 <sup>1</sup> / <sub>2</sub>	14 <sup>7</sup> / <sub>8</sub>	39 <sup>3</sup> / <sub>8</sub>	31 <sup>3</sup> / <sub>8</sub>	66 <sup>3</sup> / <sub>4</sub>	17 <sup>7</sup> / <sub>8</sub>
	30	66	36 <sup>3</sup> / <sub>4</sub>	35 <sup>7</sup> / <sub>8</sub>	58 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	42 <sup>3</sup> / <sub>8</sub>	37 <sup>3</sup> / <sub>8</sub>	69 <sup>3</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>4</sub>
36	72	39 <sup>3</sup> / <sub>4</sub>	41 <sup>7</sup> / <sub>8</sub>	61 <sup>1</sup> / <sub>2</sub>	16 <sup>1</sup> / <sub>2</sub>	45 <sup>3</sup> / <sub>8</sub>	43 <sup>3</sup> / <sub>8</sub>	72 <sup>3</sup> / <sub>4</sub>	19 <sup>1</sup> / <sub>2</sub>	

**HORIZONTAL ELBOW CATALOG NUMBERING EXAMPLE:**

FITTING SYSTEM NO.      PRODUCT NO.

← **LD-6G20-9012-24** →

**BOTTOM TYPE**

VENTED  
LD - Ladder  
VC\* - Vented Corrugated

NON-VENTED  
SC\* - Solid Corrugated  
SF\* - Solid Flat Bottom

† Not available for flange out tray

**SIDE RAIL HEIGHT**

4 - 4"  
5 - 5"  
6 - 6"  
7 - 7"

**MATERIAL**

G  
L  
T

**FITTING SERIES**

1 - SERIES 1  
2 - SERIES 2

**FLANGE DIRECTION**

I - Flange In  
O - Flange Out

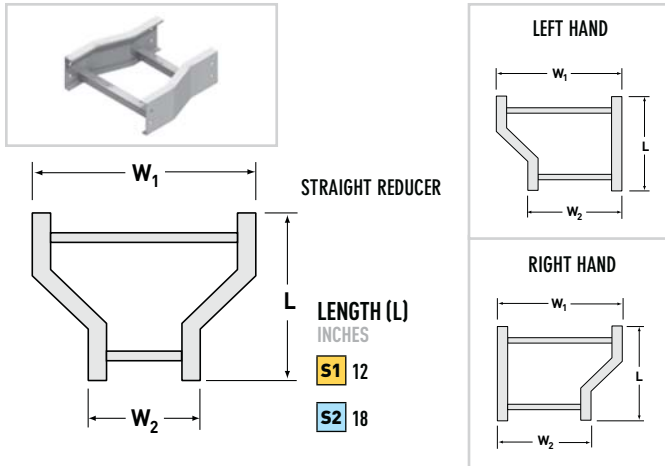
**WIDTH**

06 - 6"  
09 - 9"  
12 - 12"  
18 - 18"  
24 - 24"  
30 - 30"  
36 - 36"

METALLIC FITTINGS

HORIZONTAL REDUCERS

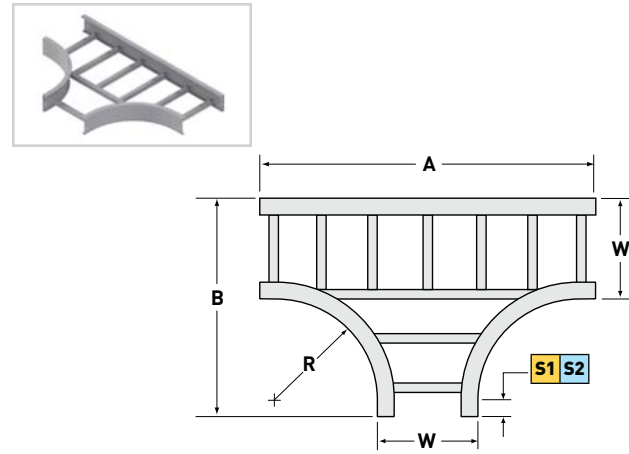
G L T



MAIN WIDTH (IN.) W1	BRANCH WIDTH (IN.) W2	PRODUCT NUMBER		
		STRAIGHT	LEFT HAND	RIGHT HAND
9	6	0109	0709	0809
12	6	0112	0712	0812
	9	0112	0712	0812
18	6	0118	0718	0818
	9	0118	0718	0818
	12	0118	0718	0818
24	6	0124	0724	0824
	9	0124	0724	0824
	12	0124	0724	0824
30	6	0130	0730	0830
	9	0130	0730	0830
	12	0130	0730	0830
	18	0130	0730	0830
	24	0130	0730	0830
36	6	0136	0736	0836
	9	0136	0736	0836
	12	0136	0736	0836
	18	0136	0736	0836
	24	0136	0736	0836
	30	0136	0736	0836

HORIZONTAL STANDARD TEE

G L T



PRODUCT NUMBER RADIUS (IN.)	W	SERIES1		SERIES2	
		A	B	A	B
2012 12"	6	34	20	40	23
	9	37	23	43	26
	12	40	26	46	29
	18	46	32	52	35
	24	52	38	58	41
	30	58	44	64	47
2024 24"	6	58	32	64	35
	9	61	35	67	38
	12	64	38	70	41
	18	70	44	76	47
	24	76	50	82	53
	30	82	56	88	59
2036 36"	6	82	44	88	47
	9	85	47	91	50
	12	88	50	94	53
	18	94	56	100	59
	24	100	62	106	65
	30	106	68	112	71
36	112	74	118	77	

METALLIC FITTINGS

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

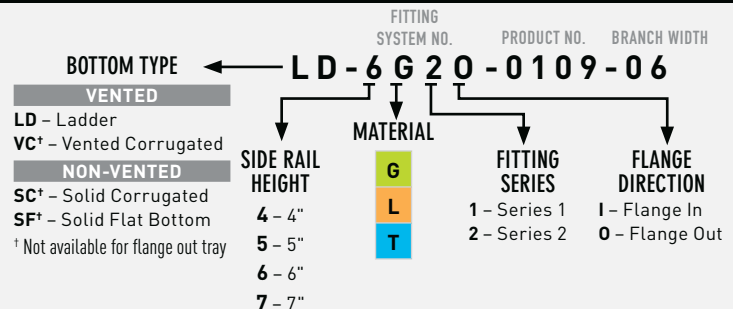
RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

RADIUS (R) INCHES

12 | 24 | 36

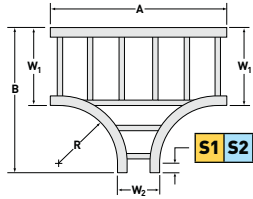
HORIZONTAL REDUCERS CATALOG NUMBERING EXAMPLE:



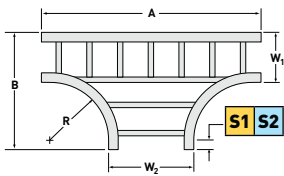
**HORIZONTAL REDUCING/  
EXPANDING TEES**

**G L T**

REDUCING TEE



EXPANDING TEE



MAIN WIDTH W1	BRANCH WIDTH W2	PRODUCT NUMBER RADIUS (IN.)	SERIES1		SERIES2		PRODUCT NUMBER RADIUS (IN.)	SERIES1		SERIES2		PRODUCT NUMBER RADIUS (IN.)	SERIES1		SERIES2	
			A	B	A	B		A	B	A	B		A	B	A	B
9	6	2012 12"	34	23	40	26	2024 24"	58	35	64	38	2036 36"	82	47	88	50
12	6		34	26	40	29		58	38	64	41		82	50	88	53
	9		37	26	43	29		61	38	67	41		85	50	91	53
18	6		34	32	40	35		58	44	64	47		82	56	88	59
	9		37	32	43	35		61	44	67	47		85	56	91	59
	12		40	32	46	35		64	44	70	47		88	56	94	59
24	6		34	38	40	41		58	50	64	53		82	62	88	65
	9		37	38	43	41		61	50	67	53		85	62	91	65
	12		40	38	46	41		64	50	70	53		88	62	94	65
30	6		34	44	40	47		58	56	64	59		82	68	88	71
	9		37	44	43	47		61	56	67	59		85	68	91	71
	12		40	44	46	47		64	56	70	59		88	68	94	71
	18	46	44	52	47	70	56	76	59	94	68	100	71			
	24	52	44	58	47	76	56	82	59	100	68	106	71			
36	6	34	50	40	53	58	62	64	65	82	74	88	77			
	9	37	50	43	53	61	62	67	65	85	74	91	77			
	12	40	50	46	53	64	62	70	65	88	74	94	77			
	18	46	50	52	53	70	62	76	65	94	74	100	77			
	24	52	50	58	53	76	62	82	65	100	74	106	77			
	30	58	50	64	53	82	62	88	65	106	74	112	77			
6	9	2012 12"	37	20	43	23	2024 24"	61	32	67	35	2036 36"	85	44	91	47
	12		40	20	46	23		64	32	70	35		88	44	94	47
	18		46	20	52	23		70	32	76	35		94	44	100	47
	24		52	20	58	23		76	32	82	35		100	44	106	47
	30		58	20	64	23		82	32	88	35		106	44	112	47
	36		64	20	70	23		88	32	94	35		112	44	118	47
9	12		40	23	46	26		64	35	70	38		88	47	94	50
	18		46	23	52	26		70	35	76	38		94	47	100	50
	24		52	23	58	26		76	35	82	38		100	47	106	50
	30		58	23	64	26		82	35	88	38		106	47	112	50
	36		64	23	70	26		88	35	94	38		112	47	118	50
12	18		46	26	52	29		70	38	76	41		94	50	100	53
	24	52	26	58	29	76	38	82	41	100	50	106	53			
	30	58	26	64	29	82	38	88	41	106	50	112	53			
	36	64	26	70	29	88	38	94	41	112	50	118	53			
18	24	52	32	58	35	76	44	82	47	100	56	106	59			
	30	58	32	64	35	82	44	88	47	106	56	112	59			
	36	64	32	70	35	88	44	94	47	112	56	118	59			
24	30	58	38	64	41	82	50	88	53	106	62	112	65			
	36	64	38	70	41	88	50	94	53	112	62	118	65			
30	36	64	44	70	47	88	56	94	59	112	68	118	71			

**CONNECTORS/SPLICES** – Necessary connectors and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

**REDUCING TEE CATALOG NUMBERING EXAMPLE:**

**LD - 6 G 2 0 - 2012 - 24 12 †**

- BOTTOM TYPE:** LD – Ladder, VC† – Vented Corrugated, SC† – Solid Corrugated, SF† – Solid Flat Bottom. † Not available for flange out tray.
- SIDE RAIL HEIGHT:** 4 – 4", 5 – 5", 6 – 6", 7 – 7"
- MATERIAL:** G (Galvanized), L (Aluminum), T (Stainless Steel)
- FITTING SYSTEM NO.:** 1 – SERIES 1, 2 – SERIES 2
- PRODUCT NO.:** 0 – Flange Out, I – Flange In
- MAIN WIDTH (W1):** 06 – 6", 09 – 9", 12 – 12", 18 – 18", 24 – 24", 30 – 30", 36 – 36"
- BRANCH WIDTH (W2):** 06 – 6", 09 – 9", 12 – 12", 18 – 18", 24 – 24", 30 – 30", 36 – 36"

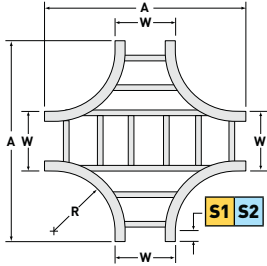
† W2 applies only to reducing and expanding tees.

METALLIC FITTINGS

**HORIZONTAL CROSSES**

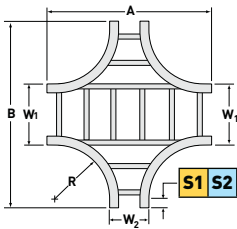
**G L T**

**STANDARD CROSS**



W	PRODUCT NUMBER RADIUS (IN.)	SERIES 1	SERIES 2	PRODUCT NUMBER RADIUS (IN.)	SERIES 1	SERIES 2	PRODUCT NUMBER RADIUS (IN.)	SERIES 1	SERIES 2
		A	A		A	A		A	A
6	1012 12"	34	40	1024 24"	58	64	1036 36"	82	88
9		37	43		61	67		85	91
12		40	46		64	70		88	94
18		46	52		70	76		94	100
24		52	58		76	82		100	106
30		58	64		82	88		106	112
36	64	70	88	94	112	118			

**REDUCING CROSS**



MAIN WIDTH W1	BRANCH WIDTH W2	PROD. NUM. RADIUS	SERIES 1	SERIES 2	PROD. NUM. RADIUS	SERIES 1	SERIES 2	PROD. NUM. RADIUS	SERIES 1	SERIES 2						
			A	B		A	B		A	B	A	B				
9	6	1012 12"	34	37	1024 24"	58	61	1036 36"	82	85	88	91				
	6		34	40		40	46		58	64	64	70	82	88	88	94
	9		37	40		43	46		61	64	67	70	85	88	91	94
12	6		34	46		40	52		58	70	64	76	82	94	100	
	9		37	46		43	52		61	70	67	76	85	94	100	
	12		40	46		46	52		64	70	70	76	88	94	100	
18	6		34	52		40	58		58	76	64	82	82	100	106	
	9		37	52		43	58		61	76	67	82	85	100	106	
	12		40	52		46	58		64	76	70	82	88	100	106	
24	6		46	52		52	58		70	76	76	82	94	100	106	
	9		34	58		40	64		58	82	64	88	82	106	112	
	12		37	58		43	64		61	82	67	88	85	106	112	
30	6	40	58	46	64	64	82	70	88	88	106	112				
	9	46	58	52	64	70	82	76	88	94	106	112				
	12	52	58	58	64	76	82	82	88	100	106	112				
36	6	34	64	40	70	58	88	64	94	82	112	118				
	9	37	64	43	70	61	88	67	94	85	112	118				
	12	40	64	46	70	64	88	70	94	88	112	118				
18	6	46	64	52	70	70	88	76	94	94	112	118				
	9	52	64	58	70	76	88	82	94	94	112	118				
	12	58	64	58	70	82	88	82	94	100	112	118				
24	6	58	64	64	70	82	88	88	94	106	112	118				
	9	64	64	64	70	88	88	88	94	112	112	118				
	12	70	64	64	70	94	88	88	94	112	112	118				

METALLIC FITTINGS

**WIDTHS (W) INCHES**

6 | 9 | 12 | 18 | 24 | 30 | 36

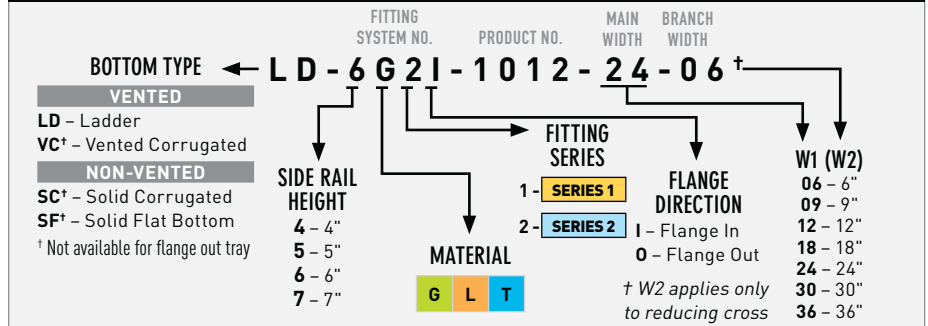
**RAIL HEIGHTS (H) INCHES**

4 | 5 | 6 | 7

**RADIUS (R) INCHES**

12 | 24 | 36

**REDUCING CROSS CATALOG NUMBERING EXAMPLE:**

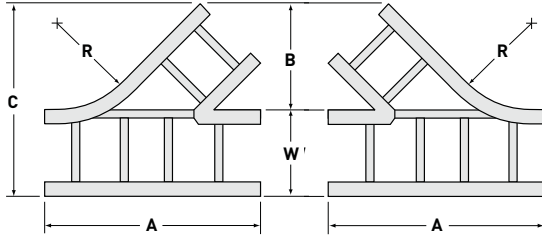


HORIZONTAL WYE BRANCHES

G L T

LEFT HAND

RIGHT HAND



W	PRODUCT NUMBER		SERIES 1			SERIES 2		
	LH RADIUS (IN.)	RH RADIUS (IN.)	A	B	C	A	B	C
6	4024 24"	4124 24"	26 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	29 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>
9			30 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	21 <sup>3</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	21 <sup>3</sup> / <sub>8</sub>
12			34 <sup>7</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>2</sub>	26 <sup>1</sup> / <sub>2</sub>	37 <sup>7</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>2</sub>	26 <sup>1</sup> / <sub>2</sub>
18			43 <sup>3</sup> / <sub>8</sub>	18 <sup>3</sup> / <sub>4</sub>	36 <sup>3</sup> / <sub>4</sub>	46 <sup>3</sup> / <sub>8</sub>	18 <sup>3</sup> / <sub>4</sub>	36 <sup>3</sup> / <sub>4</sub>
24			51 <sup>7</sup> / <sub>8</sub>	23	47	54 <sup>7</sup> / <sub>8</sub>	23	47
30			60 <sup>3</sup> / <sub>8</sub>	27 <sup>1</sup> / <sub>4</sub>	57 <sup>1</sup> / <sub>4</sub>	63 <sup>3</sup> / <sub>8</sub>	27 <sup>1</sup> / <sub>4</sub>	57 <sup>1</sup> / <sub>4</sub>
36			68 <sup>7</sup> / <sub>8</sub>	31 <sup>1</sup> / <sub>2</sub>	67 <sup>1</sup> / <sub>2</sub>	71 <sup>7</sup> / <sub>8</sub>	31 <sup>1</sup> / <sub>2</sub>	67 <sup>1</sup> / <sub>2</sub>

**CONNECTORS/SPLICES** – Necessary connectors and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

**HORIZONTAL WYE BRANCH CATALOG NUMBERING EXAMPLE:**

LD - 6 G 20 - 4 0 2 4 - 2 4

VENTED  
LD - Ladder  
VC<sup>+</sup> - Vented Corrugated  
NON-VENTED  
SC<sup>+</sup> - Solid Corrugated  
SF<sup>+</sup> - Solid Flat Bottom  
† Not available for flange out tray

SIDE RAIL HEIGHT  
4 - 4"  
5 - 5"  
6 - 6"  
7 - 7"

FITTING SYSTEM NO. PRODUCT NO.

FITTING SERIES  
1 - SERIES 1  
2 - SERIES 2

MATERIAL  
G L T

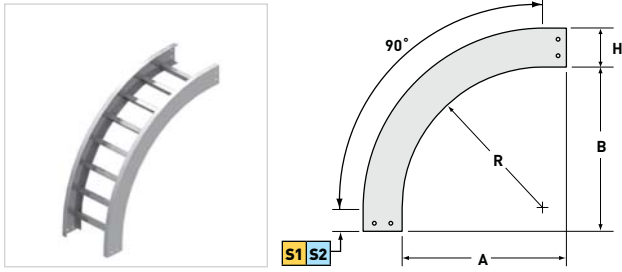
FLANGE DIRECTION  
I - Flange In  
O - Flange Out

WIDTH  
06 - 6"  
09 - 9"  
12 - 12"  
18 - 18"  
24 - 24"  
30 - 30"  
36 - 36"

METALLIC FITTINGS

**VERTICAL OUTSIDE 90° ELBOW**

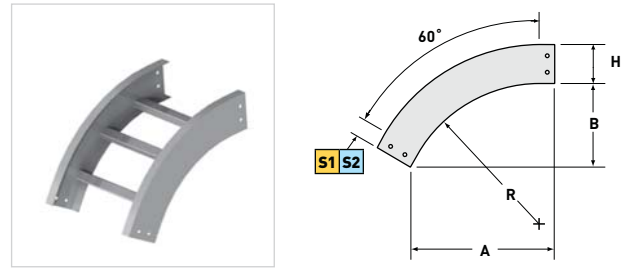
**G L T**



RAIL HEIGHT (IN.) >		4, 5, 6, 7			
PRODUCT NUMBER RADIUS (IN.)	W*	SERIES 1		SERIES 2	
		A	B	A	B
9212 12"	ALL	14	14	17	17
9224 24"	ALL	26	26	29	29
9236 36"	ALL	38	38	41	41

**VERTICAL OUTSIDE 60° ELBOW**

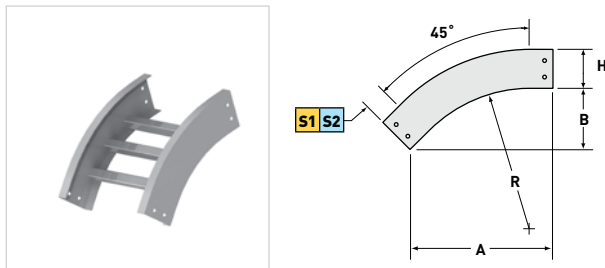
**G L T**



RAIL HEIGHT (IN.) >		4, 5, 6, 7			
PRODUCT NUMBER RADIUS (IN.)	W*	SERIES 1		SERIES 2	
		A	B	A	B
6212 12"	ALL	13 1/2	7 3/4	18	1 3/8
6224 24"	ALL	23 7/8	13 3/4	28 3/8	16 3/8
6236 36"	ALL	34 1/4	19 3/4	38 3/4	22 3/8

**VERTICAL OUTSIDE 45° ELBOW**

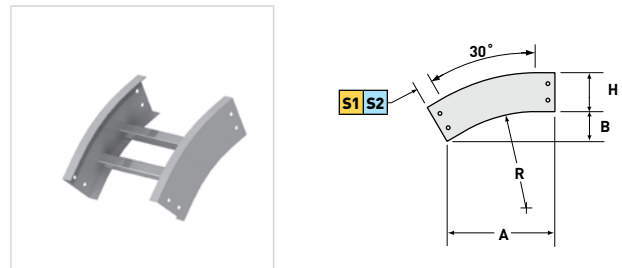
**G L T**



RAIL HEIGHT (IN.) >		4, 5, 6, 7			
PRODUCT NUMBER RADIUS (IN.)	W*	SERIES 1		SERIES 2	
		A	B	A	B
4712 12"	ALL	12	5	17 1/8	7 1/8
4724 24"	ALL	20 1/2	8 1/2	25 5/8	10 5/8
4736 36"	ALL	28 7/8	12	34	14 1/8

**VERTICAL OUTSIDE 30° ELBOW**

**G L T**



RAIL HEIGHT (IN.) >		4, 5, 6, 7			
PRODUCT NUMBER RADIUS (IN.)	W*	SERIES 1		SERIES 2	
		A	B	A	B
3212 12"	ALL	9 3/4	2 5/8	15 3/8	4 1/8
3224 24"	ALL	15 3/4	4 1/4	21 3/8	5 3/4
3236 36"	ALL	21 3/4	5 7/8	27 3/8	7 3/8

METALLIC FITTINGS

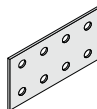
B.46

**SPLICES** Match above to determine the connectors you need.



**SERIES 1**

Fitting side rails have 2" tangents (flat portion beyond curvature) at the end of each fitting, to accommodate splice plates with four holes.



**SERIES 2**

Fitting side rails have 5" tangents at the end of each fitting, to accommodate splice plates with eight holes.

**CONNECTORS/SPLICES** – Necessary connectors and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

**WIDTHS (W) INCHES**  
6 | 9 | 12 | 18 | 24 | 30 | 36

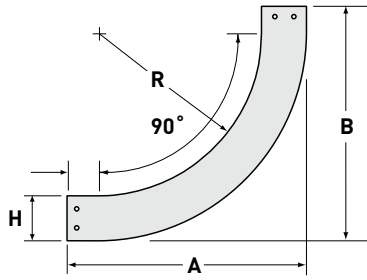
**RAIL HEIGHTS (H) INCHES**  
4 | 5 | 6 | 7

**RADIUS (R) INCHES**  
12 | 24 | 36



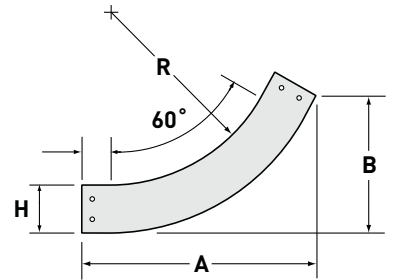
VERTICAL INSIDE 90° ELBOW

G L T



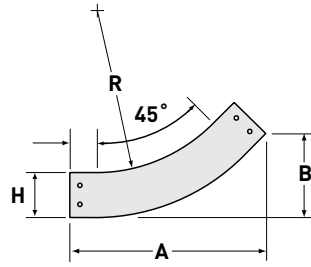
VERTICAL INSIDE 60° ELBOW

G L T



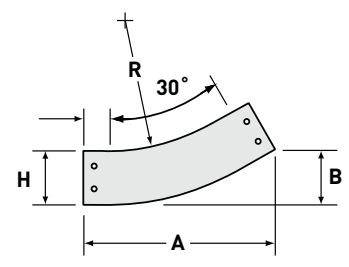
VERTICAL INSIDE 45° ELBOW

G L T

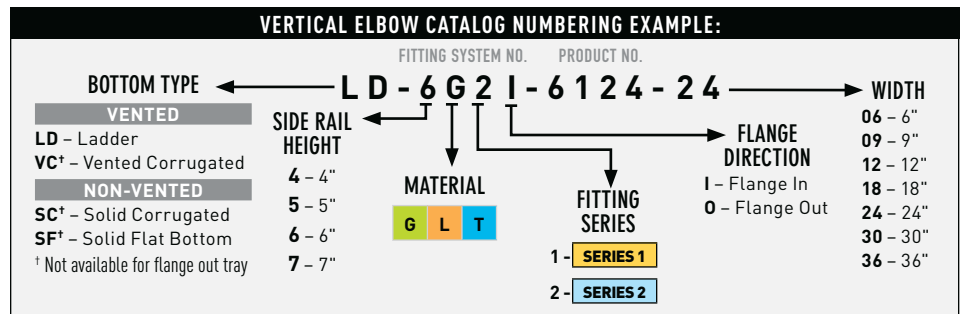


VERTICAL INSIDE 30° ELBOW

G L T

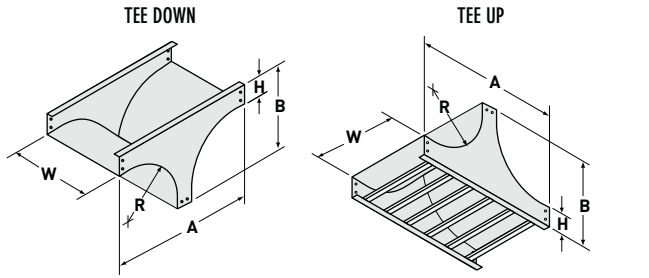


RAIL HEIGHT >				4		5		6		7									
PRODUCT NUMBER	RADIUS (IN.)	R	W	SERIES 1		SERIES 2		SERIES 1		SERIES 2		SERIES 1		SERIES 2		SERIES 1		SERIES 2	
				A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
90°	9112	12	ALL	18	18	21	21	19	19	22	22	20	20	23	23	21	21	24	24
	9124	24	ALL	30	30	33	33	31	31	34	34	32	32	35	35	33	33	36	36
	9136	36	ALL	42	42	45	45	43	43	46	46	44	44	47	47	45	45	48	48
60°	6112	12	ALL	16 <sup>7</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>4</sub>	21 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	17 <sup>3</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>4</sub>	22 <sup>1</sup> / <sub>4</sub>	12 <sup>1</sup> / <sub>8</sub>	18 <sup>5</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>4</sub>	23 <sup>1</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	19 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	24	13 <sup>7</sup> / <sub>8</sub>
	6124	24	ALL	27 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	31 <sup>3</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>8</sub>	28 <sup>1</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>4</sub>	32 <sup>3</sup> / <sub>8</sub>	18 <sup>7</sup> / <sub>8</sub>	29	16 <sup>3</sup> / <sub>4</sub>	33 <sup>1</sup> / <sub>2</sub>	19 <sup>3</sup> / <sub>8</sub>	29 <sup>7</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>4</sub>	34 <sup>3</sup> / <sub>8</sub>	19 <sup>7</sup> / <sub>8</sub>
	6136	36	ALL	37 <sup>3</sup> / <sub>4</sub>	21 <sup>3</sup> / <sub>4</sub>	42 <sup>1</sup> / <sub>4</sub>	24 <sup>3</sup> / <sub>8</sub>	38 <sup>5</sup> / <sub>8</sub>	22 <sup>1</sup> / <sub>4</sub>	43 <sup>1</sup> / <sub>8</sub>	24 <sup>7</sup> / <sub>8</sub>	39 <sup>3</sup> / <sub>8</sub>	22 <sup>3</sup> / <sub>4</sub>	43 <sup>7</sup> / <sub>8</sub>	25 <sup>5</sup> / <sub>8</sub>	40 <sup>1</sup> / <sub>4</sub>	23 <sup>1</sup> / <sub>4</sub>	44 <sup>3</sup> / <sub>4</sub>	25 <sup>7</sup> / <sub>8</sub>
45°	4612	12	ALL	14 <sup>3</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>8</sub>	19 <sup>7</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub>	20 <sup>5</sup> / <sub>8</sub>	8 <sup>5</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	21 <sup>3</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>8</sub>	16 <sup>7</sup> / <sub>8</sub>	7	22	9 <sup>1</sup> / <sub>8</sub>
	4624	24	ALL	23 <sup>1</sup> / <sub>4</sub>	9 <sup>5</sup> / <sub>8</sub>	28 <sup>3</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>4</sub>	24	10	29 <sup>1</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>8</sub>	24 <sup>5</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>4</sub>	29 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>8</sub>	25 <sup>3</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	30 <sup>1</sup> / <sub>2</sub>	12 <sup>5</sup> / <sub>8</sub>
	4636	36	ALL	31 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>4</sub>	36 <sup>7</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>4</sub>	32 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>2</sub>	37 <sup>5</sup> / <sub>8</sub>	15 <sup>5</sup> / <sub>8</sub>	33 <sup>1</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>4</sub>	38 <sup>1</sup> / <sub>4</sub>	15 <sup>7</sup> / <sub>8</sub>	33 <sup>7</sup> / <sub>8</sub>	14	39	16 <sup>1</sup> / <sub>4</sub>
30°	3112	12	ALL	11 <sup>3</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>4</sub>	17 <sup>3</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>4</sub>	12 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>4</sub>	17 <sup>7</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub>	18 <sup>3</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub>	18 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>
	3124	24	ALL	17 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	23 <sup>3</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>4</sub>	18 <sup>1</sup> / <sub>4</sub>	4 <sup>7</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	18 <sup>3</sup> / <sub>4</sub>	5	24 <sup>3</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>2</sub>	19 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	24 <sup>7</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>4</sub>
	3136	36	ALL	23 <sup>3</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>8</sub>	29 <sup>3</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>2</sub>	29 <sup>7</sup> / <sub>8</sub>	8	24 <sup>3</sup> / <sub>4</sub>	6 <sup>5</sup> / <sub>8</sub>	30 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>8</sub>	25 <sup>1</sup> / <sub>4</sub>	6 <sup>7</sup> / <sub>8</sub>	30 <sup>7</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>



**VERTICAL TEES**

**G L T**

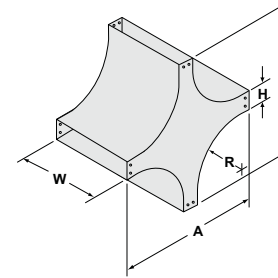


TEE UP fittings have rungs or bottom members for cable support across the bottom of the fitting.

PRODUCT NUMBER RADIUS (IN.)		W	H	SERIES 1		SERIES 2	
TEE DOWN	TEE UP			A	B	A	B
2124 24"	2224 24"	ALL	4	56	30	62	33
			5	57	31	63	34
			6	58	32	64	35
			7	59	33	65	36

**VERTICAL CROSS**

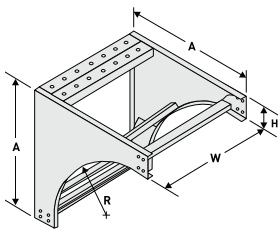
**G L T**



PRODUCT NUMBER RADIUS (IN.)	W	H	SERIES 1	SERIES 2
1124 24"	ALL	4	56	62
		5	57	63
		6	58	64
		7	59	65

**VERTICAL 90° SUPPORT ELBOW**

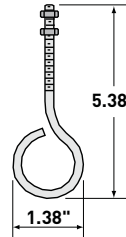
**G L T**



PRODUCT NUMBER RADIUS	W	H	SERIES 2
9312 12"	ALL	4	21
		5	22
		6	23
		7	24
9324 24"	ALL	4	33
		5	34
		6	35
		7	36
9336 36"	ALL	4	45
		5	46
		6	47
		7	48

Supports cables at the top of long vertical drops where the weight of the vertical cable may be excessive. Hooks (sold separately) attach to the brace in the elbow; when used with cable grips (supplied by others), tension in the vertical cable is relieved and transferred to the elbow.

**CABLE SUPPORT HOOK**



COMPLETE CATALOG NO.

DS-1841-ZN

**Itray**  
COMPATIBLE

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

RADIUS (R) INCHES

12 | 24 | 36

**VERTICAL TEE DOWN CATALOG NUMBERING EXAMPLE:**

FITTING SYSTEM NO.    PRODUCT NO.

**LD - 6 G 2 I - 2 1 2 4 - 2 4**

<p><b>BOTTOM TYPE</b></p> <p><b>VENTED</b></p> <p>LD - Ladder</p> <p>VC* - Vented Corrugated</p> <p><b>NON-VENTED</b></p> <p>SC* - Solid Corrugated</p> <p>SF* - Solid Flat Bottom</p> <p>* Not available for flange out tray</p>	<p><b>SIDE RAIL HEIGHT</b></p> <p>4 - 4"</p> <p>5 - 5"</p> <p>6 - 6"</p> <p>7 - 7"</p>	<p><b>MATERIAL</b></p> <p><b>G L T</b></p>	<p><b>FITTING SERIES</b></p> <p>1 - <b>SERIES 1</b></p> <p>2 - <b>SERIES 2</b></p>	<p><b>WIDTH</b></p> <p>06 - 6"</p> <p>09 - 9"</p> <p>12 - 12"</p> <p>18 - 18"</p> <p>24 - 24"</p> <p>30 - 30"</p> <p>36 - 36"</p>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------	--------------------------------------------	------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------

**FLANGE DIRECTION**  
1 - Flange In  
0 - Flange Out

**CONNECTORS/SPLICES** - Necessary connectors and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

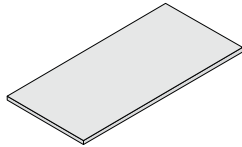


METALLIC

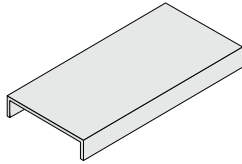
B.49

TRAY COVERS

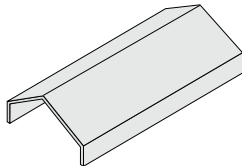
SOLID COVERS



FLAT, NON-FLANGED

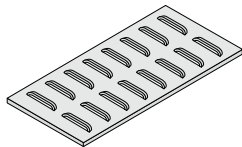


FLAT, FLANGED

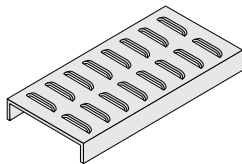


PEAKED 15°, FLANGED

LOUVERED COVERS



FLAT, NON-FLANGED



FLAT, FLANGED

Covers protect and contain cables. They are highly recommended to avoid damage to the tray contents and to protect against the elements. Some covers can also be attached to the tray with hinges; please contact Legrand for more information.

	FLANGE IN	1 3/4" FLANGE OUT
	<b>SERIES 2</b>	
	SOLID, FLAT — NON-FLANGED PRODUCT NUMBER	
M	2002	2067
L	3002	3038
T	3042	3039
	SOLID, FLAT — FLANGED* PRODUCT NUMBER	
M	2000	2066
G	1000	1066
L	3000	3036
T	3005	3029
	SOLID, PEAKED 15° — FLANGED† PRODUCT NUMBER	
M	2140	2114
G	1140	1114
L	3128	3131
T	3017	3040
	LOUVERED, FLAT — NON-FLANGED PRODUCT NUMBER	
M	2006	2112
L	3050	3117
T	3041	3112
	LOUVERED, FLAT — FLANGED* PRODUCT NUMBER	
M	2007	2104
G	1007	1104
L	3070	3003
T	3076	3113

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

\* Flange is 3/8" wide.

† 15° is standard angle for peaked covers. Flange is 3/8" wide.

COVER CATALOG NUMBERING EXAMPLE:

SIDE RAIL HEIGHT\*  
40 - 4"  
50 - 5"  
60 - 6"  
70 - 7"

COVER SYSTEM NO.      LENGTH OR FITTING PRODUCT NO.

60 - 2000 - 0012 - 36 - 05 - B

LENGTH  
0006\*\* - 6'  
0010 - 10'  
0012 - 12'  
or  
9224  
FITTING PRODUCT NO.

WIDTH  
02 - **SERIES 1**  
(2" Tangents)  
05 - **SERIES 2**  
(5" Tangents)

COVER THICKNESS

Letter suffixes are used to indicate alternate cover thicknesses. Leave blank for standard thickness.

Standards:

- G** 18 Ga.
- M** **L** **T** 20 Ga.
- A** - 18 Gage (0.048")
- B** - 16 Gage (0.060")
- C** - 14 Gage (0.075")

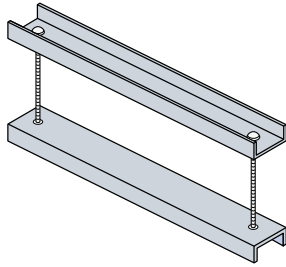
\* Side rail height necessary for outside vertical fitting covers.  
\*\* Standard length for steel covers hot-dip galvanized after fabrication per ASTM-A-123 is 6'-0".

### FLAT COVER CONNECTORS

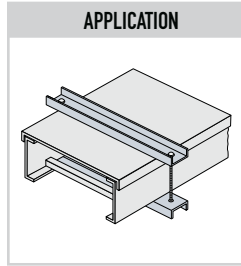
M T G\*

For use with indoor, outdoor, or vertical flat covers. Top and bottom pieces are 1½" wide. Install one connector over each cover joint and space additional connectors on 36" - 48" centers.

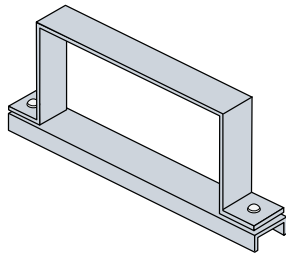
CHANNEL-STYLE



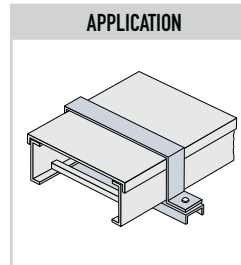
APPLICATION



STRAP-STYLE



APPLICATION



DESCRIPTION	PRODUCT NUMBER	FASTENERS
CHANNEL	1400	ZN S6
STRAP	1423	GE S6

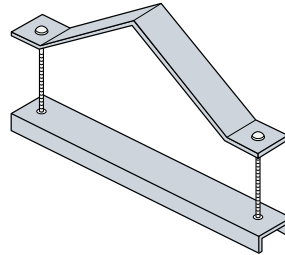
QUANTITY OF COVER CLAMPS REQUIRED	
STRAIGHT SECTION – 5' & 6'	2
STRAIGHT SECTION – 10' & 12'	3
HORIZONTAL/VERTICAL ELBOWS	2
TEES	3
CROSSES	4

### PEAKED COVER CONNECTORS

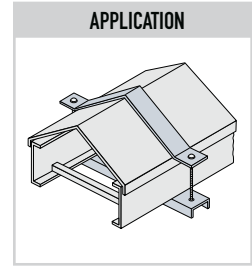
M T G\*

For use with indoor, outdoor, or vertical peaked covers. Top and bottom pieces are 1½" wide. Install one connector over each cover joint and space additional connectors on 36" - 48" centers.

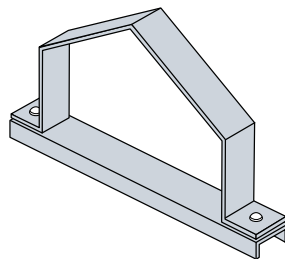
CHANNEL-STYLE



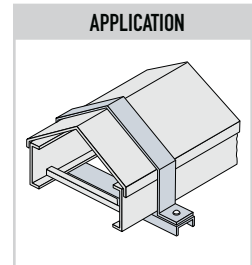
APPLICATION



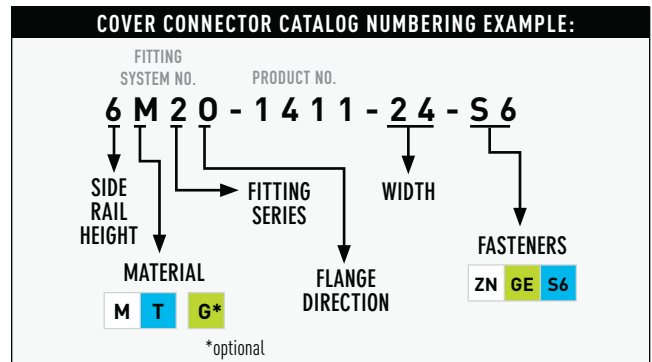
STRAP-STYLE




APPLICATION

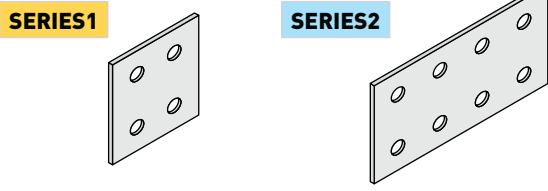


DESCRIPTION	PRODUCT NUMBER	FASTENERS
CHANNEL	1411	ZN S6
STRAP	1440	GE S6



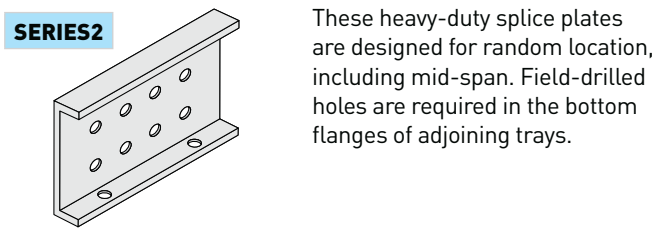
Geomet fasteners are standard for all splice plate connectors on aluminum and steel cable tray systems. **All splices are supplied in pairs.** Type 316 stainless steel fasteners are standard on stainless steel systems, but are available as an option on all aluminum and steel systems. Sufficient connector pairs with fasteners are automatically included with each shipment of straight sections and fittings. Extras for field cuts or spares must be ordered separately. Bonding jumpers are required for all expansion splice plates, adjustable connectors, and tray discontinuities. The  symbol indicates that bonding jumpers are required.

**STANDARD SPLICE** G T



PRODUCT NUMBER	FASTENER OPTIONS
1302	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
Connector System No.	Fasteners
4 G 1 - <b>1302</b> - G E	

**MID-SPAN SPLICE** G T

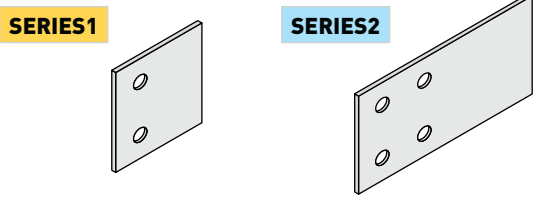


These heavy-duty splice plates are designed for random location, including mid-span. Field-drilled holes are required in the bottom flanges of adjoining trays.

PRODUCT NUMBER	FASTENER OPTIONS
1385	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
Connector System No.†	Fasteners
4 G 2 - <b>1385</b> - S 6	
†This item must be specified as Series 2 in the System No.	

**UNIVERSAL SPLICE** G T

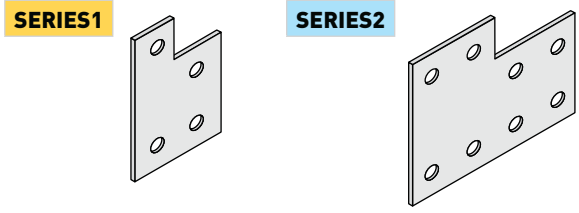
These splice plates are designed to connect to existing cable tray.



PRODUCT NUMBER	FASTENER OPTIONS
1335	GE S6
<b>CATALOG NUMBERING EXAMPLE:</b>	
Connector System No.†	Fasteners
4 G 1 - <b>1335</b> - G E	

**REDUCING HEIGHT SPLICE** G T

These splice plates are designed to connect cable tray side rails with different heights. The connector system number includes the larger side rail height. Choose the product number depending on the reduced side rail height.



PRODUCT NUMBER	SIZE	FASTENER OPTIONS
1386	REDUCES TO 4" HIGH TRAY	
1379	REDUCES TO 5" HIGH TRAY	GE S6
1355	REDUCES TO 6" HIGH TRAY	
<b>CATALOG NUMBERING EXAMPLE:</b>		
Connector System No.	Fasteners	
6 G 2 - <b>1386</b> - G E		

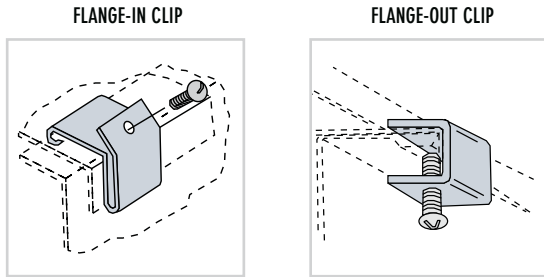
**SPLICES** Match above to determine the connectors you need.

- SERIES1**  
Fitting side rails have 2" tangents (flat portion beyond curvature) at the end of each fitting, to accommodate splice plates with four holes.
- SERIES2**  
Fitting side rails have 5" tangents at the end of each fitting, to accommodate splice plates with eight holes.

METALLIC SPLICES & CONNECTORS

## COVER CONNECTOR CLIPS T

For use with indoor, horizontal covers. Flange-in clip requires tray with 1" side rail flanges. Flange-out clip works with any side rail flange width. Sold individually.

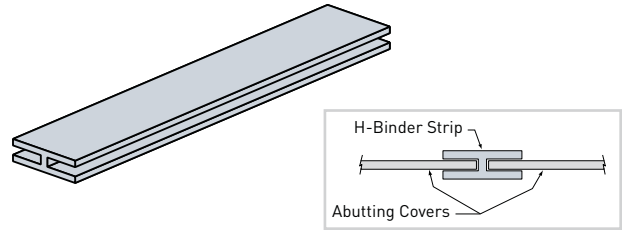


DESCRIPTION	PRODUCT NUMBER	FASTENER INCLUDED
FLANGE-IN	1410	S6
FLANGE-OUT	1853*	
CATALOG NUMBERING EXAMPLE (EA.):		
Material	Fasteners	
T	1410	-S6

\*1853 is  
**Itray**  
COMPATIBLE

## H-BINDER COVER JOINT STRIP A

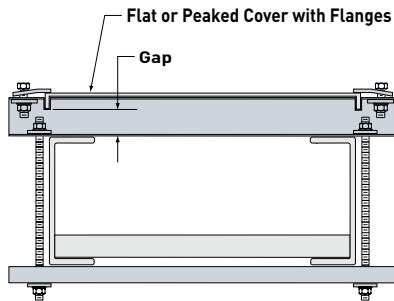
Closes gaps at cover joints. Notched for the tray side rail. No fasteners required.



DESCRIPTION	PRODUCT NUMBER
FLAT COVER CLIP	0925
PEAKED COVER CLIP	0926
CATALOG NUMBERING EXAMPLE (EA.):	
Connector System No.*	Width
A20	- 0925 - 06
*A1 and A20 are the only two Connector Splices	
A1 is <b>Itray</b> COMPATIBLE	

## RAISED COVER CONNECTOR M T G\*

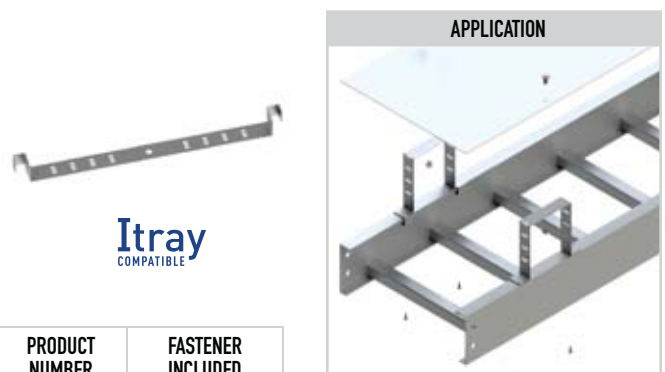
For use with all covers, indoors and outdoors. Covers are attached to uprightmounted "C" channel on the top of the cable tray. Install 36"-48" on center.



GAP DIMENSION (IN.)	PRODUCT NUMBER	FASTENER OPTIONS
1	1441	ZN S6
2	1442	
3	1443	
4	1444	
CATALOG NUMBERING EXAMPLE:		
Fitting System No.	Width	Fasteners
6 T 20	- 1441	- 06 - S6

## RAISED COVER CONNECTOR A M T

Raised cover connectors allow for ventilation of ladder tray installations while protecting cables from possible falling objects. Raised cover connectors allow a gap of 1", 2", 3" or 4".




PRODUCT NUMBER	FASTENER INCLUDED
1432	S6
CATALOG NUMBERING EXAMPLE (EA.):	
Material	Fasteners
M	- 1432 - S6

### RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

**CONNECTORS/SPLICES** – Necessary connectors and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

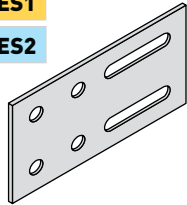
Geomet fasteners are standard for all splice plate connectors on aluminum and steel cable tray systems. **All splices are supplied in pairs.** Type 316 stainless steel fasteners are standard on stainless steel systems, but are available as an option on all aluminum and steel systems. Sufficient connector pairs with fasteners are automatically included with each shipment of straight sections and fittings. Extras for field cuts or spares must be ordered separately. Bonding jumpers are required for all expansion splice plates, adjustable connectors, and tray discontinuities. The  symbol indicates that bonding jumpers are required.

**EXPANSION SPLICE**

**G T**

**SERIES1**

**SERIES2**



Permits thermal contraction and expansion in a cable tray installation. The length of the straight cable tray run and the temperature differential govern the number and spacing of expansion connectors. Expansion splice plates permit 2" of movement.

PRODUCT NUMBER	FASTENER OPTIONS
1314	<b>GE S6</b>
<b>CATALOG NUMBERING EXAMPLE:</b>	
Connector System No.	Fasteners
4 G 2 - <b>1314</b> - GE	

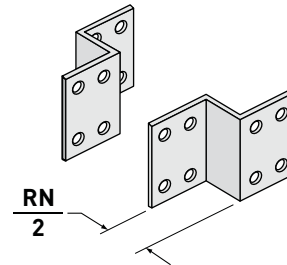


**STRAIGHT REDUCER SPLICE**

**G T**

**SERIES1**

**SERIES2**



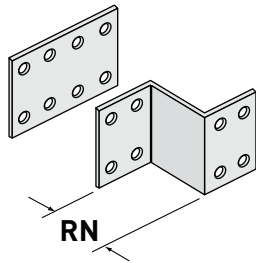
PRODUCT NUMBER	FASTENER OPTIONS
1303	<b>GE S6</b>
<b>CATALOG NUMBERING EXAMPLE:</b>	
Connector System No.	RN Fasteners
4 G 2 - <b>1303</b> - 06 - GE	

**OFFSET REDUCER SPLICE**

**G T**

**SERIES1**

**SERIES2**



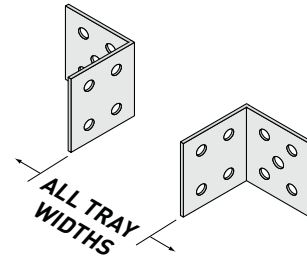
PRODUCT NUMBER	FASTENER OPTIONS
1304	<b>GE S6</b>
<b>CATALOG NUMBERING EXAMPLE:</b>	
Connector System No.	RN Fasteners
4 G 2 - <b>1304</b> - 12 - S6	

**90° CONNECTOR**

**G T**

**SERIES1**

**SERIES2**



PRODUCT NUMBER	FASTENER OPTIONS
1320	<b>GE S6</b>
<b>CATALOG NUMBERING EXAMPLE:</b>	
Connector System No.	Fasteners
4 G 2 - <b>1320</b> - GE	

METALLIC SPLICES & CONNECTORS

**WIDTHS (W) INCHES**

6 | 9 | 12 | 18 | 24 | 30 | 36

**RAIL HEIGHTS (H) INCHES**

4 | 5 | 6 | 7

**REDUCTION (RN) INCHES**

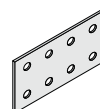
3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30

**SPLICES** Match above to determine the connectors you need.



**SERIES1**

Fitting side rails have 2" tangents (flat portion beyond curvature) at the end of each fitting, to accommodate splice plates with four holes.



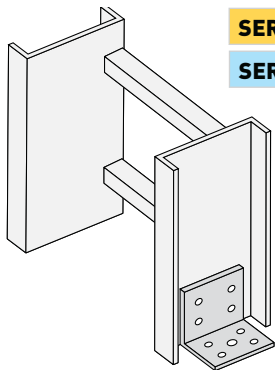
**SERIES2**

Fitting side rails have 5" tangents at the end of each fitting, to accommodate splice plates with eight holes.



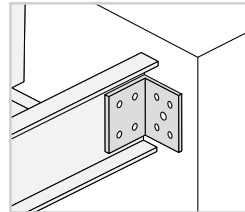
All splices are supplied in pairs. Bonding jumpers are required for use with all adjustable splices.

### FLOOR FLANGE / TRAY-TO-BOX CONNECTOR G T



**SERIES1**  
**SERIES2**

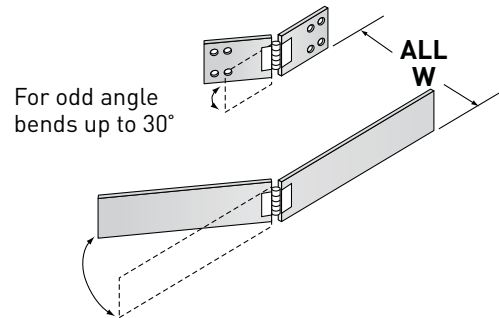
Fasteners for tray attachment only are included. Floor connection leg has 9/16" diameter hole.



PRODUCT NUMBER	FASTENER OPTIONS
1864	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No.	Fasteners
4 G 2 - 1864	- GE

### HORIZONTAL ADJUSTABLE SPLICE G T

**SERIES1**  
**SERIES2**

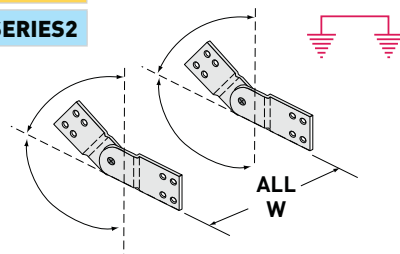


PRODUCT NUMBER	FASTENER OPTIONS
1305	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No.	Fasteners
4 G 2 - 1305	- GE

### VERTICAL ADJUSTABLE SPLICE G T

**SERIES1**  
**SERIES2**

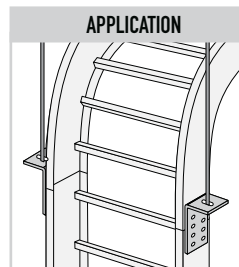
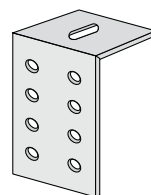
Maximum bend angle is ±90



PRODUCT NUMBER	FASTENER OPTIONS
1307	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No.	Fasteners
4 G 2 - 1307	- GE

### VERTICAL HANGER SPLICE G T

**SERIES1**  
**SERIES2**

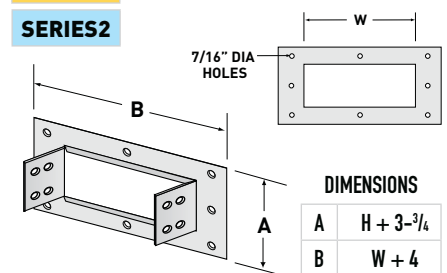


PRODUCT NUMBER	FASTENER OPTIONS
0356	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No.	Fasteners
6 G 2 - 0356	- S6

### TRAY-TO-BOX FRAME CONNECTOR G T

**SERIES1**  
**SERIES2**

Sold individually.



PRODUCT NUMBER	FASTENER OPTIONS
0403	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No.	Width Fasteners
4 G 2 - 0403	- 12 - GE

METALLIC SPLICES & CONNECTORS

All connectors on these pages are designed to fit Series 1 and 2 systems. When ordering, however, they should be specified as Series 2.

For detailed material and finish descriptions, see page B.6.

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# STANDARD RUNGS

This is the standard solid rung for the following steel cable trays, up to 24" wide: NEMA Class 12B and 12C ladder with flange-in side rails.

RUNG TYPE		MECHANICAL PROPERTIES		RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)								
HL	SOLID	THICKNESS = 0.038" MOMENT OF INERTIA: $I_x = 0.0143 \text{ IN}^4$ SECTION MODULUS: $S_x = 0.0374 \text{ IN}^3$				TRAY WIDTH (IN.)								
						6	9	12	18	24	30	36	42	48
				5	1	3351	2234	1676	1117	838	HH	HH	SU	SU
				5	2	3351	2234	1480	667	260	HH	HH	SU	SU
				6	1	2793	1862	1396	931	698	HH	HH	SU	SU
				6	2	2793	1862	1233	556	217	HH	HH	SU	SU
				9	1	1862	1241	931	621	465	HH	HH	SU	SU
				9	2	1862	1241	822	370	144	HH	HH	SU	SU
				12*	1	1396	931	698	465	349	HH	HH	SU	SU
				12*	2	1396	931	617	278	108	HH	HH	SU	SU

This is the standard solid rung for the following steel cable trays, 30" and 36" wide: NEMA Class 12B and 12C ladder trays with flange-in side rails.

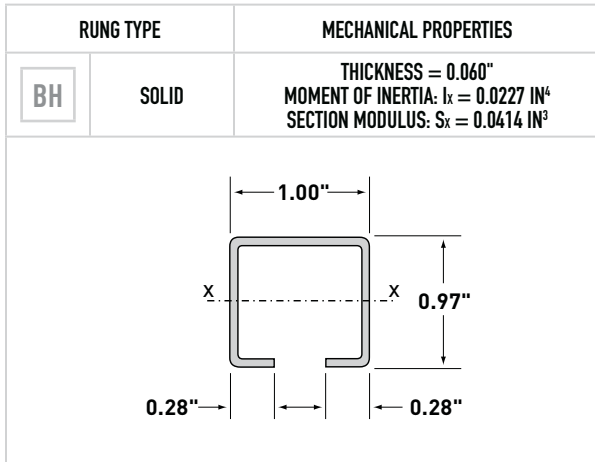
RUNG TYPE		MECHANICAL PROPERTIES		RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)										
HH	SOLID	THICKNESS = 0.048" MOMENT OF INERTIA: $I_x = 0.0175 \text{ IN}^4$ SECTION MODULUS: $S_x = 0.0456 \text{ IN}^3$				TRAY WIDTH (IN.)										
						6	9	12	18	24	30	36	42	48		
				5	1	HL	HL	HL	HL	HL	HL	948	790	SU	SU	
				5	2	HL	HL	HL	HL	HL	HL	HL	481	241	SU	SU
				6	1	HL	HL	HL	HL	HL	HL	HL	790	659	SU	SU
				6	2	HL	HL	HL	HL	HL	HL	HL	401	201	SU	SU
				9	1	HL	HL	HL	HL	HL	HL	HL	527	439	SU	SU
				9	2	HL	HL	HL	HL	HL	HL	HL	267	134	SU	SU
				12*	1	HL	HL	HL	HL	HL	HL	HL	395	329	SU	SU
				12*	2	HL	HL	HL	HL	HL	HL	HL	201	101	SU	SU

This is the standard rung for all flange-out steel ladders and all flange-in, NEMA Class 20A, 20B, and 20C, hot-dip galvanized steel ladders 6"-24" wide. Please contact Legrand for catalog numbers if this rung is desired for other tray systems.

RUNG TYPE		MECHANICAL PROPERTIES		RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)								
BX	SOLID	MINIMUM THICKNESS = 0.048" MOMENT OF INERTIA: $I_x = 0.0188 \text{ IN}^4$ SECTION MODULUS: $S_x = 0.0343 \text{ IN}^3$				TRAY WIDTH (IN.)								
						6	9	12	18	24	30	36	42	48
				6	1	3243	2162	1621	1081	811	BH	BH	BH	BH
				6	2	3243	2162	1561	774	381	BH	BH	BH	BH
				9	1	2162	1441	1081	721	540	BH	BH	BH	BH
				9	2	2162	1441	1041	516	254	BH	BH	BH	BH
				12*	1	1621	1081	811	540	405	BH	BH	BH	BH
				12*	2	1621	1081	781	387	190	BH	BH	BH	BH
				18	1	1081	721	540	360	270	BH	BH	BH	BH
				18	2	1081	721	520	258	127	BH	BH	BH	BH

# STANDARD RUNGS

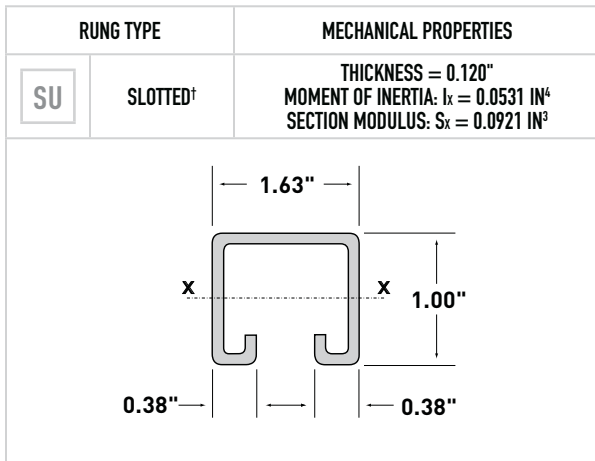
This is the standard rung for all flange-out steel ladders and all flange-in, NEMA Class 20A, 20B, and 20C, hot-dipped galvanized steel ladders 30" and 36" wide. Please contact Legrand for catalog numbers if this rung is desired for other tray systems.



RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)								
		TRAY WIDTH (IN.)								
		6	9	12	18	24	30	36	42	48
6	1	BX	BX	BX	BX	BX	816	680	583	510
	2	BX	BX	BX	BX	BX	388	190	49	3
9	1	BX	BX	BX	BX	BX	544	453	389	340
	2	BX	BX	BX	BX	BX	259	127	33	3
12	1	BX	BX	BX	BX	BX	408	340	291	255
	2	BX	BX	BX	BX	BX	194	95	24	3
18	1	BX	BX	BX	BX	BX	272	227	194	170
	2	BX	BX	BX	BX	BX	129	63	16	3

# UPGRADE RUNG

This is the upgrade slotted rung for all steel ladder cable trays. SU rungs are installed alternating slot up and slot down.



RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)								
		TRAY WIDTH (IN.)								
		6	9	12	18	24	30	36	42	48
6	1	3999	3999	3066	2044	1533	1226	1022	876	766
	2	3999	3999	3066	2044	1499	1040	733	514	350
9	1	3999	2725	2044	1363	1022	818	681	584	511
	2	3999	2725	2044	1363	1000	693	489	343	233
12*	1	3066	2044	1533	1022	766	613	511	438	383
	2	3066	2044	1533	1022	750	520	366	257	175
18	1	2044	1363	1022	681	511	409	341	292	255
	2	2044	1363	1022	681	500	347	244	171	117

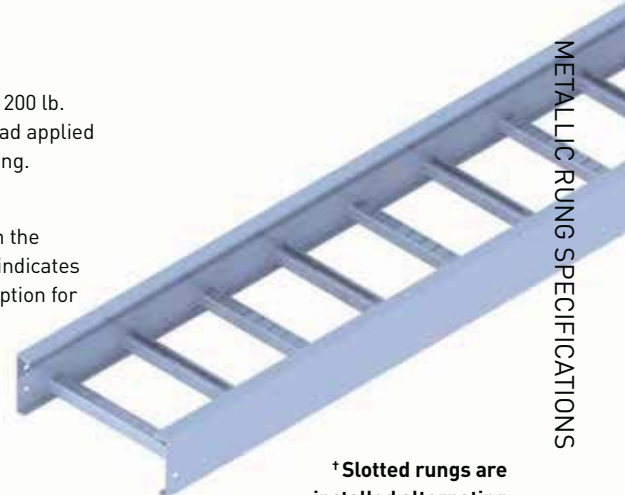
**1 SAFE LOAD/CABLE LOAD ONLY:** Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a safety factor of 1.5. To convert Safe Load/Cable Load Only to reflect a safety factor of 2.0, multiply the safe loads shown by 0.75.

**2 SAFE LOAD / CABLE LOAD +200 LBS:** Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a 200 lb. concentrated static load applied at the center of the rung, without collapse.

**3** Will not support a 200 lb. concentrated static load applied at the center of the rung.

**[XX]** Two digit code in the safe load limit tables indicates recommended rung option for specified width.

\* Single rung load capacity: The data shown for 12" rung spacing is equivalent to the load capacity of the single rung.

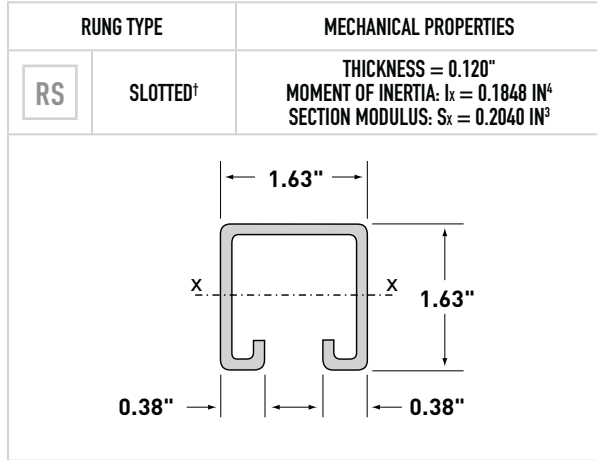


† Slotted rungs are installed alternating slot up and slot down.

METALLIC RUNG SPECIFICATIONS

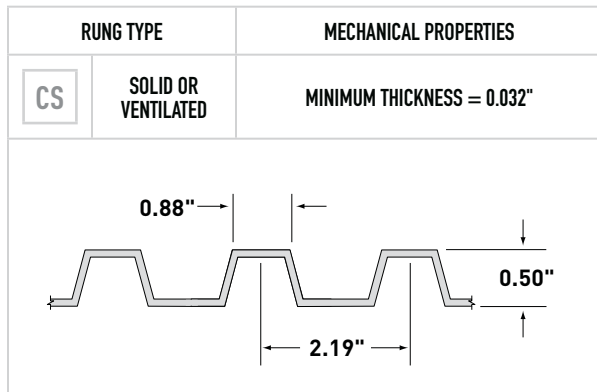
# STANDARD RUNGS

This rung is available for steel ladder tray systems for extremely heavy load applications. This profile will accept strut fasteners and accessories. RS rungs are installed alternating slot up and slot down.



RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)								
		TRAY WIDTH (IN.)								
		6	9	12	18	24	30	36	42	48
6	1	9999	9991	7494	4996	3747	2997	2498	2141	1873
	2	9999	9991	7494	4996	3747	2997	2498	2141	1873
9	1	9991	6661	4996	3330	2498	1998	1665	1427	1249
	2	9991	6661	4996	3330	2498	1998	1665	1427	1249
12*	1	7494	4996	3747	2498	1873	1499	1249	1071	937
	2	7494	4996	3747	2498	1873	1499	1249	1071	937
18	1	4996	3330	2498	1665	1249	999	833	714	624
	2	4996	3330	2498	1665	1249	999	833	714	624

This is the standard corrugated bottom used for all steel, solid-bottom tray systems up to and including NEMA Class 20C. Corrugated bottoms are not available in widths greater than 36". Please contact Legrand when considering solid bottom trays for extreme load applications.



LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)						
	TRAY WIDTH (IN.)						
	6	9	12	18	24	30	36
1	2007	1338	1003	669	502	401	334
2	2007	1338	1003	599	350	200	100

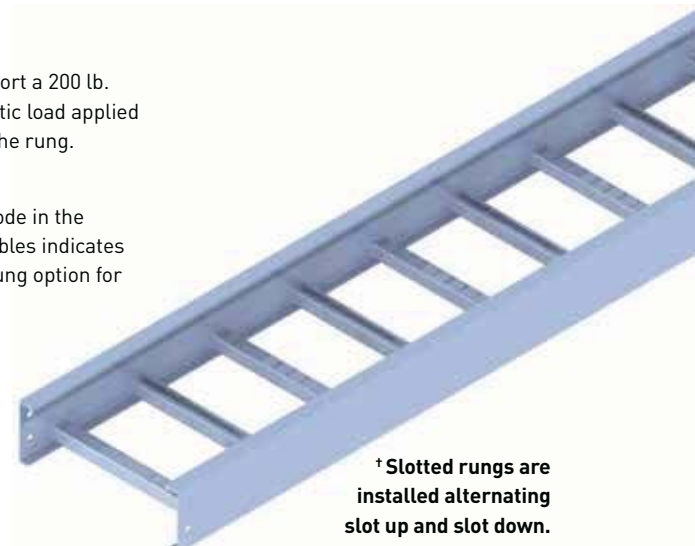
**1 SAFE LOAD/CABLE LOAD ONLY:** Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a safety factor of 1.5. To convert Safe Load/Cable Load Only to reflect a safety factor of 2.0, multiply the safe loads shown by 0.75.

**2 SAFE LOAD / CABLE LOAD +200 LBS:** Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a 200 lb. concentrated static load applied at the center of the rung, without collapse.

**3** Will not support a 200 lb. concentrated static load applied at the center of the rung.

[XX] Two digit code in the safe load limit tables indicates recommended rung option for specified width.

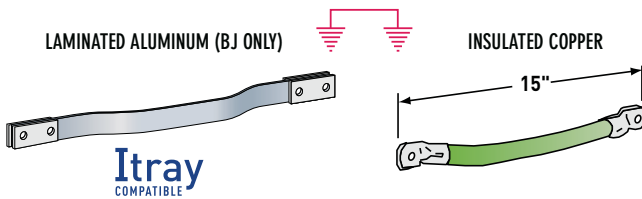
\* Single rung load capacity: The data shown for 12" rung spacing is equivalent to the load capacity of the single rung.



† Slotted rungs are installed alternating slot up and slot down.

## BONDING JUMPERS

Use across all discontinuities, expansion joints, and adjustable connectors to maintain electrical continuity in the cable tray system. Also use to bond the cable tray system to the building ground. Bonding jumpers are not required at standard or rigid splice locations. Fasteners for laminated bonding jumpers are included; fasteners for insulated jumpers must be ordered separately.



**Laminated Aluminum:** (4)  $\frac{3}{8}$ " x  $\frac{1}{4}$ " bolts per bonding jumper (included).

**Insulated Copper:** Made with flame-retardant, moisture- and heat-resistant, insulated copper cable. Tin plated copper lugs have one hole, sized for  $\frac{3}{8}$ " x  $\frac{3}{4}$ " bolt. Length is 15" to the center of the lug holes. Special lengths, lugs, and cables are also available.

## SPLICE FASTENERS



**Knurled Bolt:** Specially designed for cable tray connectors, the ribbed neck firmly grips the tray side rail to prevent screw rotation while tightening. Bolt can also be tightened with a Phillips screwdriver.



**Flanged Hex Nut:** "Free spinning" lock-type nut with a serrated face, eliminating the need for a washer. Nuts require a  $\frac{9}{16}$ " wrench. Tighten to approximately 17-23 ft-lbs of torque.



**Locking Hex Nut:** For use with expansion connectors. Deformed threads cause this nut to lock on to the bolt after just a few turns, allowing movement of the bolt in the expansion slot without possibility of the nut backing off. Typically identified by a rectangular indentation on the side of the nut.



**Flat Washer:** For use with expansion connectors. Install under the locking hex nut in the expansion slots. Prevents binding in the expansion slot during movement of the tray due to thermal expansion.

### RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

LAMINATED ALUMINUM <span style="float: right;">A</span>		
PRODUCT NUMBER	L	RATED AMPS (N.E.C. 250-122)
BJ	21 1/4"	2000
CATALOG NUMBERING EXAMPLE (EA.):		
Material		Fasteners
A B J		- 2000 - G E
INSULATED COPPER <span style="float: right;">C</span>		
PRODUCT NUMBER	COPPER CABLE SIZE	RATED AMPS (N.E.C. 250-122)
A806	#6	200
A807	#4	300
A804	#2	500
A803	#1	600
A808	1/0	800
A809	2/0	1000
A805	3/0	1200
A810	4/0	1600
A814*	4/0 WELDING CABLE 2107 STRANDS	1800
CATALOG NUMBERING EXAMPLE (EA.):		
Material		
C		- A 806

\*Length is 30" to the center of the lug holes. One-hole tin-plated copper lugs are sized for  $\frac{1}{2}$ " bolt. A814 is the only insulated copper bonding jumper that is compatible with Itray, as the other sizes are 15".

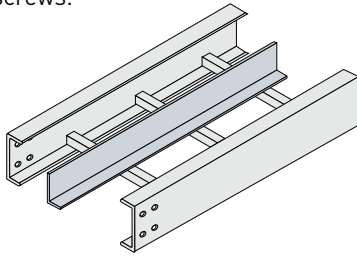
DESCRIPTION	SIZE	COMPLETE CATALOG NUMBER	
KNURLED BOLT	$\frac{3}{8}$ "-16 x $\frac{3}{4}$ "	DS-8926-01-GE	GE
		DS-8926-01-S6	S6
FLANGED HEX NUT	$\frac{3}{8}$ " DIA.	DS-8927-01-GE	GE
		DS-8927-01-S6	S6
LOCKING HEX NUT	$\frac{3}{8}$ " DIA.	DS-8576-02-GE	GE
		DS-8576-01-S6	S6
FLAT WASHER	$\frac{3}{8}$ " DIA.	DS-8600-01-GE	GE
		DS-8600-01-S6	S6



**STRAIGHT HORIZONTAL DIVIDER**

A M T G\*

For use with all straight tray. Furnished with four #10 self-drilling screws.



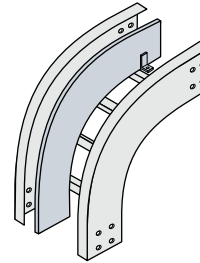
**Itray**  
COMPATIBLE

PRODUCT NUMBER	L	FASTENER OPTIONS
0012-99	12'	ZN S6
CATALOG NUMBERING EXAMPLE:		
Accessory System No.		Fasteners
4 A - 0012-99		- Z N

**VERTICAL FITTING DIVIDER**

M T G\*

Furnished with two #10 self-drilling screws.

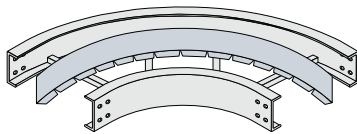


PRODUCT NUMBER	R	DIVIDER TYPE
9112-99	12	90° INSIDE ELBOW
9124-99	24	
9136-99	36	90° OUTSIDE ELBOW
9212-99	12	
9224-99	24	
9236-99	36	60° INSIDE ELBOW
6112-99	12	
6124-99	24	
6136-99	36	60° OUTSIDE ELBOW
6212-99	12	
6224-99	24	
6236-99	36	45° INSIDE ELBOW
4612-99	12	
4624-99	24	
4636-99	36	45° OUTSIDE ELBOW
4712-99	12	
4724-99	24	
4736-99	36	30° INSIDE ELBOW
3112-99	12	
3124-99	24	
3136-99	36	30° OUTSIDE ELBOW
3212-99	12	
3224-99	24	
3236-99	36	
FASTENER OPTIONS		ZN S6
CATALOG NUMBERING EXAMPLE:		
Accessory System No.		Fasteners
4 M - 9212-99		- Z N

**FLEXIBLE HORIZONTAL DIVIDER**

A M T G\*

For use with all horizontal fittings of any radius. Furnished with three #10 self-drilling screws.

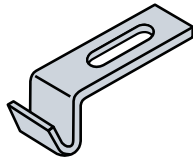


**Itray**  
COMPATIBLE

PRODUCT NUMBER	L	FASTENER OPTIONS
0606-99	6'	ZN S6
CATALOG NUMBERING EXAMPLE:		
Accessory System No.		Fasteners
4 T - 0606-99		- S 6

### DIVIDER HOLD DOWN CLIP M T G\*

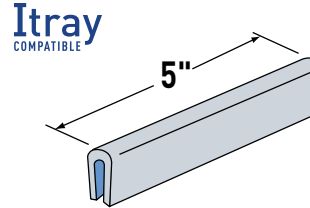
Purchased separately. Supplied with carriage bolt and flanged hex nut. Designed for use with ladders with box-shaped rungs (Types BX & BH—see pages B.56-B.57).



PRODUCT NUMBER	FASTENER OPTIONS	
1852	ZN	S6
CATALOG NUMBERING EXAMPLE:		
Material	Fasteners	
M	- 1852 - ZN	

### 5" VINYL DIVIDER SPLICE V

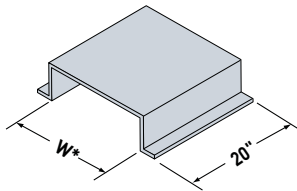
Splices joints of abutting divider strips. Vinyl edge strip is also available in bulk lengths.



PRODUCT NUMBER
0930
CATALOG NUMBERING EXAMPLE:
Material
V - 0930

### CABLE BRIDGE FOR DIVIDED TEE A M T G\*

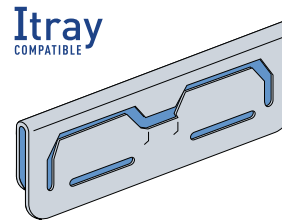
Allows cables to cross over divided tee and cross fittings, maintaining the physical separation of cables. Attaches to tray with self-drilling and self-tapping Tek screws. The height of the bridge matches the load depth of the specified tray system.



PRODUCT NUMBER	W	FASTENER OPTIONS
0460	6	ZN S6
0461	9	ZN S6
0462	12	ZN S6
0463	18	ZN S6
CATALOG NUMBERING EXAMPLE:		
Material	Fasteners	
4 M	- 0460 - ZN	

### DIVIDER SPLICE M T

Sold in bags of 25.



COMPLETE CAT. NO.	
M	COTJ-PG
T	COTJ-316

### SELF-DRILLING SCREW M T

Provided with all dividers, but extras can be ordered separately.



COMPLETE CATALOG NO.		SIZE
DS-8930-01-ZN	ZN	#10 X 3/4"
DS-8930-01-S6	S6	#10 X 3/4"

### PLASTIC SAFETY SIGN M T



Sign measures 8"x12".

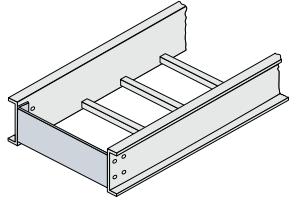
COMPLETE CATALOG NUMBER
P-0949-01



**BLIND END PLATE**

M T G\*

Seals off the open end of a cable tray. Attaches to the tray using standard 3/8" dia. connector fasteners.

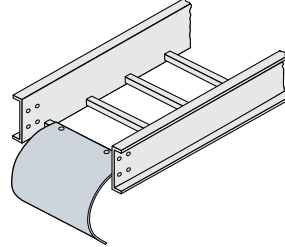


PRODUCT NUMBER	FASTENER OPTIONS
0402	GE S6
CATALOG NUMBERING EXAMPLE:	
Height/Material	Width Fasteners
4 T - 0402 - 12 - GE	

**CABLE DROPOUT**

A T G\*

Provides a smooth, rounded surface for cables dropping out of the bottom of the cable tray.



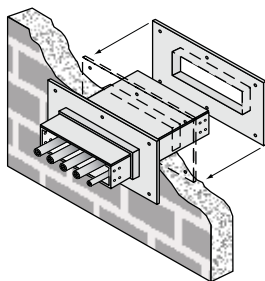
PRODUCT NUMBER	R
0253	3/4
0254	5
FASTENER OPTIONS	ZN S6
CATALOG NUMBERING EXAMPLE:	
Material -Flange	Width Fasteners
MI - 0253 - 06 - S6	

TRAY WIDTH (NOMINAL)	6	9	12	18	24	30	36	
DROPOUT WIDTH (FLG IN)	2 1/4	5 1/4	8 1/4	14 1/4	20 1/4	26 1/4	32 1/4	IN
DROPOUT WIDTH (FLG OUT)	5 1/4	8 1/4	11 3/4	17 3/4	23 3/4	29 3/4	35 3/4	

**WALL PENETRATION SLEEVE**

M G T

Provides a rigid support for cable tray at wall penetrations. Overall length of the sleeve is 20". Will fit walls up to 8" thick. Bonding jumpers are not required for use with wall sleeves. Two pairs of splice plates and fasteners are included for tray attachment.



**SERIES1**  
**SERIES2**

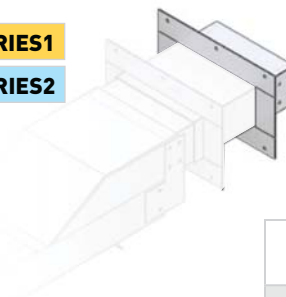
PRODUCT NUMBER	FASTENER OPTIONS
0424	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No	Width Fasteners
4 T 2 - 0424 - 12 - S6	

**OUTDOOR CONVERSION KIT FOR WALL PENETRATION**

G T

Makes ladder tray wall penetrations weather resistant to minimize water intrusions. Removable cover/shield fastens to tray and wall penetration sleeve for the utmost in weather protection.

**SERIES1**  
**SERIES2**



- Fits Standard Hot-Dip Galvanized or Stainless "0424" or "0440" wall penetrations (see page B.62, B.68.)
- Sized to fit flange-in or flange-out trays

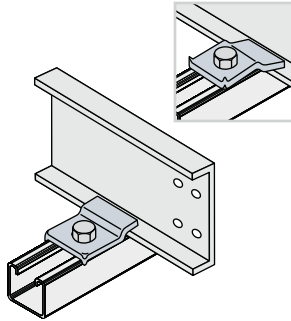
PRODUCT NUMBER	FASTENER OPTIONS
0434	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No	Width Fasteners
4 G 2 - 0434 - 06 - GE	

The wall penetration sleeve and outdoor conversion kit are designed to fit Series 1 and 2 systems. When ordering, however, they should be specified as Series 2.



**HOLD DOWN/EXPANSION CLAMP**
A Z T

Works as an expansion guide and flips over for use as a hold down clamp for use with all ladder trays. Sold in packs of 10.


**Itray**  
COMPATIBLE

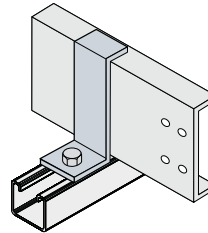
PRODUCT NUMBER	FASTENER OPTIONS
1893-01*	ZN S6
1893-02	NONE
1893-03†	ZN S6
CATALOG NUMBERING EXAMPLE:	
Material	Fasteners
A -	1893-01 - ZN

\* Includes 3/8" x 1 1/2" hex bolt, 3/8" flanged nut.

† Includes 3/8" x 1 1/2" hex bolt, 3/8" spring nut.

**Z-HOLD DOWN/EXPANSION GUIDE**
M T G\*

Wraps around the tray side rail for use with all solid bottom trays. Can also be used with any flange-in tray system. Sold individually.



PRODUCT NUMBER	FASTENER OPTIONS
1866-01*	ZN S6
1866-02	NONE
1866-03†	ZN S6
CATALOG NUMBERING EXAMPLE:	
Accessory System No.	Fasteners
4M -	1866-01 - ZN

\* Includes 1/4" x 3/4" carriage bolt, 1/4" flanged nut.

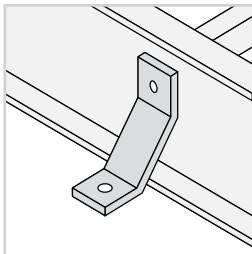
† Includes 1/4" x 1 1/2" screw, 1/4" spring nut.

**HEAVY-DUTY HOLD DOWN BRACKETS**
A G T

Designed for use with all trays. 3/8" diameter hardware for tray attachment only is included. Holes for structure attachment are sized for 1/2" diameter fasteners. Double bracket is ideal for vertical tray support. Sold in pairs.

SINGLE - A833

DOUBLE - A845



PRODUCT NUMBER	FASTENER OPTIONS
A833	GE S6
A845	GE S6
CATALOG NUMBERING EXAMPLE:	
Material	Fasteners
T -	A845 - S6

**WIDTHS (W) INCHES**

6 | 9 | 12 | 18 | 24 | 30 | 36

**RAIL HEIGHTS (H) INCHES**

4 | 5 | 6 | 7

**WIRE MESH-TO-LADDER CLAMP**
Z T

This unique clamp allows wire mesh cable tray to be attached to the side rails of any ladder tray and a pre-installed setscrew secures the junction for a permanent installation.

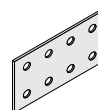

**Itray**  
COMPATIBLE

PRODUCT NUMBER	FASTENER OPTIONS
WMC 2LA	GE S6
CATALOG NUMBERING EXAMPLE:	
Material	Fasteners
T -	WMC 2LA - S6

**SPLICES** Match above to determine the connectors you need.

**SERIES1**

Fitting side rails have 2" tangents (flat portion beyond curvature) at the end of each fitting, to accommodate splice plates with four holes.

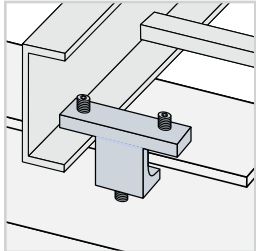

**SERIES2**

Fitting side rails have 5" tangents at the end of each fitting, to accommodate splice plates with eight holes.

**I-BEAM HOLD DOWN CLAMP/  
EXPANSION GUIDE**

Z T

Hold Down Clamp firmly attaches the cable tray to the flange of an I-beam type support.  
Expansion Guide attaches the clamp to the flange of an I-beam type support, allowing movement of the tray side rail due to thermal contraction and expansion.



PRODUCT NUMBER	FASTENER OPTIONS
A802-01*	GE S6
CATALOG NUMBERING EXAMPLE: Accessory System No. Fasteners Z - <b>A802-01</b> - S6	

\*Includes (2) 1/2" x 5/8" screws and (1) 1/2" x 1 1/2" screw.

**Itray**  
COMPATIBLE

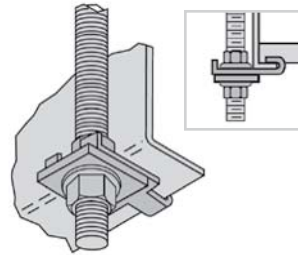
- Heavy duty cast iron construction

**SINGLE OVERHEAD HANGER CLAMP**

M

Attaches to the tray bottom flange and supports the cable tray directly from a threaded rod without the need for an additional support member. Threaded rod purchased separately.

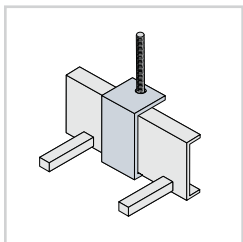
**SERIES1**



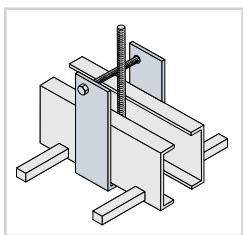
PRODUCT NUMBER	ROD DIA.	FASTENERS INCLUDED
1899-01	1/2"	ZN S6
1899-02	3/8"	
CATALOG NUMBERING EXAMPLE: Material Fasteners M - <b>1899-01</b> - S6		

**HANGER BRACKETS**

M T G\*



**SINGLE:** Supports a single tray side rail from a 1/2" threaded rod. For use with all flange-out ladder tray systems. Safe load = 300 lbs. per bracket.



**DOUBLE:** Supports two tray side rails that are installed side-by-side from a single 1/2" threaded rod. For use with all flange-out ladder tray systems. Safe load = 300 lbs. per bracket.

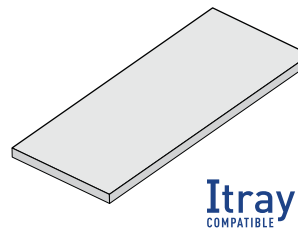
	PRODUCT NUMBER	FASTENER OPTIONS
SINGLE	A836	NONE
DOUBLE	A837*	ZN S6
CATALOG NUMBERING EXAMPLE: Accessory System No. Fasteners 4 M 2 - <b>A837</b> - ZN		

\*Includes 1/4" x 5" hex head bolt and 1/4" flanged nut.

**NYLON ISOLATION PAD**

N

Made of extruded black nylon. Can be installed between the cable tray and support member to provide electrical isolation of the tray system. Can also be used to facilitate cable tray movement caused by thermal contraction and expansion. No fasteners required.



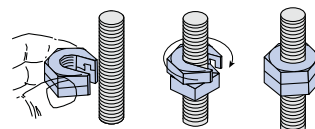
**Itray**  
COMPATIBLE

PRODUCT NUMBER	DIMENSIONS
8945	1/8" X 3" X 6"
CATALOG NUMBERING EXAMPLE: Material N - <b>8945</b>	

**SLIP-ON LOCK NUT®**

ZN S4

Allows the user to slip the nut onto a rod, without actually threading it. Ideal for when nuts must be added to a rod, but cannot be threaded due to previously-installed equipment.

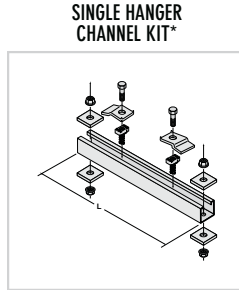
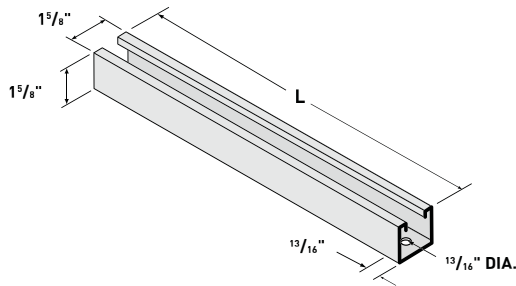


PRODUCT NUMBER	SIZE
SON 1/4	1/4"-20
SON 3/8	3/8"-16
SON 1/2	1/2"-13
CATALOG NUMBERING EXAMPLE: Fasteners <b>SON 3/8</b> - ZN	

### SINGLE HANGER CHANNEL

A M G T

Made from 12-gage strut. Hangers have  $\frac{9}{16}$ " diameter holes  $\frac{13}{16}$ " from each end to accept  $\frac{1}{2}$ " threaded rod. Kit includes fasteners. When used with Z-type hold-down clamps, select hanger with flange out dimensions.

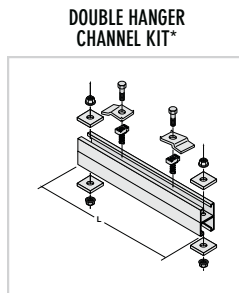
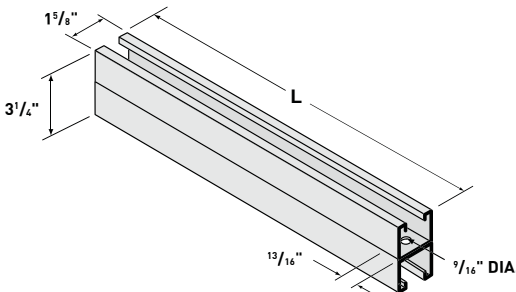


TRAY WIDTH	PRODUCT NUMBER		FLANGE IN	FLANGE OUT
	HANGER	KIT	L (W+4)	L (W+10)
6	0373	0393	10	16
9			13	19
12			16	22
18			22	28
24			28	34
30			34	40
36			40	46
FASTENERS INCLUDED WITH KIT ONLY*				ZN S6
CATALOG NUMBERING EXAMPLE:				
Material Length Fasteners				
M - 0393-10 - S6*				

### DOUBLE HANGER CHANNEL

A M G T

Made from 12-gage struts welded back-to-back. Hangers have  $\frac{9}{16}$ " dia. holes  $\frac{13}{16}$ " from each end to accept  $\frac{1}{2}$ " threaded rod. When used with Z-type hold-down clamps, select hanger with flange out dimensions.

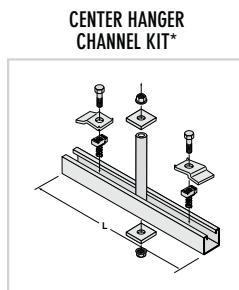
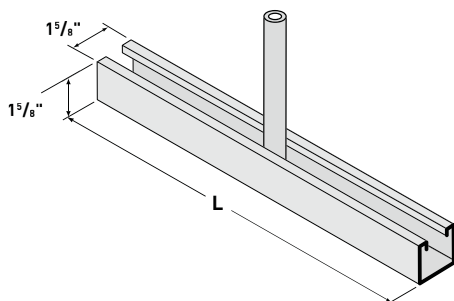


TRAY WIDTH	PRODUCT NUMBER		FLANGE IN	FLANGE OUT
	HANGER	KIT	L (W+4)	L (W+10)
6	0371	0394	10	16
9			13	19
12			16	22
18			22	28
24			28	34
30			34	40
36			40	46
FASTENERS INCLUDED WITH KIT ONLY*				ZN S6
CATALOG NUMBERING EXAMPLE:				
Material Length Fasteners				
M - 0394-16 - S6*				

### CENTER HANGER CHANNEL

M G T

Mounts with one  $\frac{1}{2}$ " threaded rod to allow cable installation from both sides. Cable should be loaded evenly on both sides of the center support to remain level. 12-gage strut accepts channel nuts for hold down clamps with no drilling required. Not recommended for trays over 24" wide. When used with Z-type hold-down clamps, select hanger with flange out dimensions.



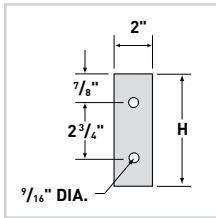
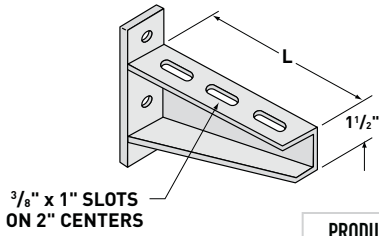
TRAY WIDTH	PRODUCT NUMBER		FLANGE IN	FLANGE OUT
	HANGER	KIT	L (W+2)	L (W+6)
6	0369	0395	8	12
9			11	15
12			14	18
18			20	24
24			26	30
FASTENERS INCLUDED WITH KIT ONLY*				ZN S6
CATALOG NUMBERING EXAMPLE:				
Material Length Fasteners				
M - 0395-10 - S6*				

\*Kits include hardware for ladder trays. Contact Legrand for other design options.

**WALL BRACKET**

G T

Recommended for use with flange-in cable trays.

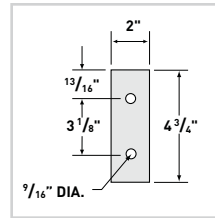
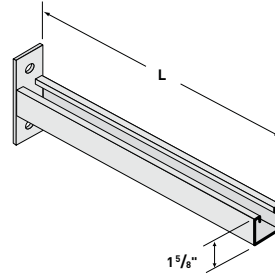


PRODUCT NUMBER	L	H	DESIGN LOAD - UNIFORM (LBS.)
<b>0353</b>	7	6	<b>900</b>
	10	6	
	13	6	
	19	7 1/2	
	25	7 1/2	
<b>CATALOG NUMBERING EXAMPLE:</b>			
Material		Length	
<b>G - 0353 - 13</b>			

**SINGLE STRUT BRACKET**

G T

Made with 1 5/8" x 1 5/8" x 12 gage steel struts.



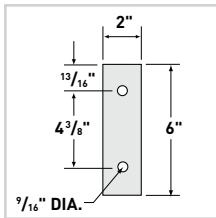
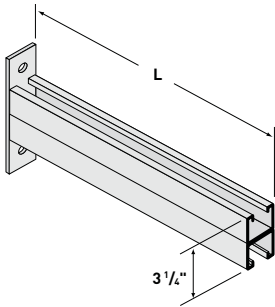
PRODUCT NUMBER	L	H	DESIGN LOAD - UNIFORM (LBS.)
<b>0215</b>	7		<b>1000</b>
	10		<b>720</b>
	13		<b>550</b>
	16		<b>450</b>
	19		<b>380</b>
	22		<b>320</b>
25		<b>290</b>	
<b>CATALOG NUMBERING EXAMPLE:</b>			
Material		Length	
<b>G - 0215 - 13</b>			

**Itray**  
COMPATIBLE

**DOUBLE STRUT BRACKET**

G T

Made with 1 5/8" x 1 5/8" x 12 gage steel struts.



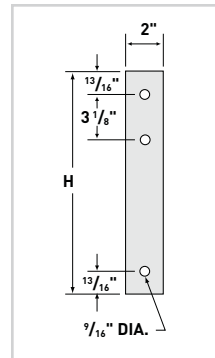
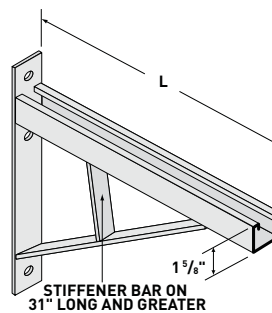
PRODUCT NUMBER	L	H	DESIGN LOAD - UNIFORM (LBS.)
<b>0216</b>	7		<b>3000</b>
	10		<b>2400</b>
	13		<b>1850</b>
	16		<b>1500</b>
	19		<b>1250</b>
	22		<b>1100</b>
	25		<b>960</b>
	31		<b>770</b>
	37		<b>650</b>
	43		<b>560</b>
<b>CATALOG NUMBERING EXAMPLE:</b>			
Material		Length	
<b>T - 0216 - 13</b>			

**Itray**  
COMPATIBLE

**HEAVY-DUTY STRUT BRACKET**

G T

Made with 1 5/8" x 1 5/8" x 12 gage steel struts.

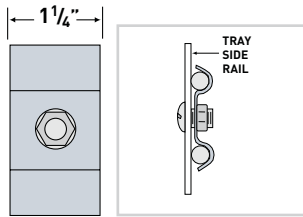


PRODUCT NUMBER	L	H	DESIGN LOAD - UNIFORM (LBS.)
<b>0392</b>	13	10	<b>1600</b>
	19	15	<b>1200</b>
	25	18	<b>900</b>
	31	22	<b>750</b>
	37	25	<b>675</b>
	43	29	<b>580</b>
	49	32	<b>500</b>
	<b>CATALOG NUMBERING EXAMPLE:</b>		
Material		Length	
<b>G - 0392 - 13</b>			

**Itray**  
COMPATIBLE

## GROUND WIRE ATTACHMENT CLAMP Z T

Holds one or two bare copper or aluminum ground wires against the cable tray side rail using included  $\frac{3}{8}$ " diameter fasteners. This clamp does not bond the ground wire to the tray.

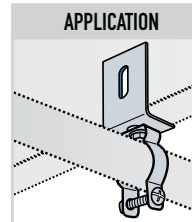
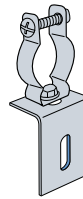


PROD. NO.	CONDUCTOR SIZE
1873-02	#2, #1 AND 1/0
1873-03	#6 TO #4
1873-04	2/0, 3/0 AND 4/0
FASTENER OPTIONS <span style="float: right;">GE S6</span>	
CATALOG NUMBERING EXAMPLE:	
Material	Fasteners
Z - 1873-02	- S6

**Itray**  
COMPATIBLE

## CONDUIT BRACKET CLAMP Z T

Attaches conduit to the cable tray side rail.

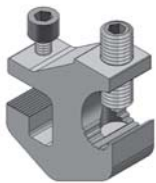


**Itray**  
COMPATIBLE

PROD. NO.	CONDUIT DIA.	EMT DIA.
0228-05	$\frac{3}{8}$ " - $\frac{1}{2}$ "	$\frac{1}{2}$ "
0228-06	$\frac{3}{4}$ "	$\frac{3}{4}$ "
0228-10	1"	1"
0228-11	1 $\frac{1}{4}$ "	1 $\frac{1}{4}$ "
0228-12	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "
0228-20	2"	2"
0228-25	2 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "
0228-30	3"	3"
0228-40	4"	4"
FASTENER OPTIONS		ZN S4
CATALOG NUMBERING EXAMPLE:		
Material	Fasteners	
T - 0228-05	- S4	

## CABLE TRAY GROUNDING CLAMP A

Provides an excellent ground for copper or aluminum ground wires to the cable tray. A  $\frac{1}{4}$ " hex wrench is used to tighten both tray and conductor set screws. Clamps are tin-plated, extruded aluminum. Conductor Range: #6AWG to 250 MCM. Prior part number: 9992-A840-01.

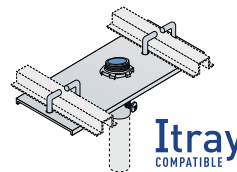


**Itray**  
COMPATIBLE

PRODUCT NUMBER	FASTENERS INCLUDED
A840-01	ZN
CATALOG NUMBERING EXAMPLE:	
Material	Fasteners
A - A840-01	- ZN

## CONDUIT PLATE CLAMP A M

Attaches conduit to the ladder tray rungs.



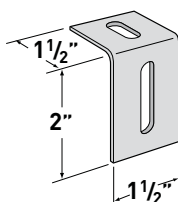
RUNG SPACING	COMPATIBLE
9" PLATE	6 IN
	9 IN
18" PLATE	12 IN
	18 IN

\*Can also be used with medium-wall (IMC) and thick-wall (rigid) conduit.

PRODUCT NUMBER	EMT DIA.	
0226-05	$\frac{1}{2}$ "	
0226-06	$\frac{3}{4}$ "	
0226-10	1"	
0226-11	1 $\frac{1}{4}$ "	
0226-12	1 $\frac{1}{2}$ "	
0226-20	2"	
0226-25*	2 $\frac{1}{2}$ "	
0226-30*	3"	
0226-40*	4"	
FASTENERS INCLUDED		GE
CATALOG NUMBERING EXAMPLE:		
Rung Spacing	Material	Fasteners
09	- M	- 0226-11 - GE

## CLAMP BRACKET M T

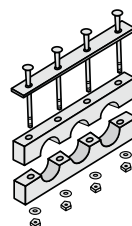
Permits attachment of clamps or other components to the cable tray side rail. Conduit clamps are purchased separately.



PRODUCT NUMBER	FASTENER OPTIONS
1818	ZN S6
CATALOG NUMBERING EXAMPLE:	
Material	Fasteners
T - 1818	- S6

## MAPLE CABLE BLOCKS

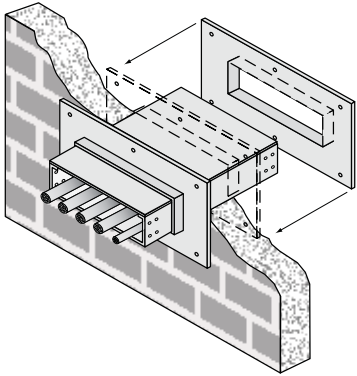
Paraffin impregnated and furnished with  $\frac{1}{4}$ " dia. fasteners. Contact Legrand with quantities, cable dimensions, cable spacing, and cable tray system information. Can be custom designed for a wide variety of applications.



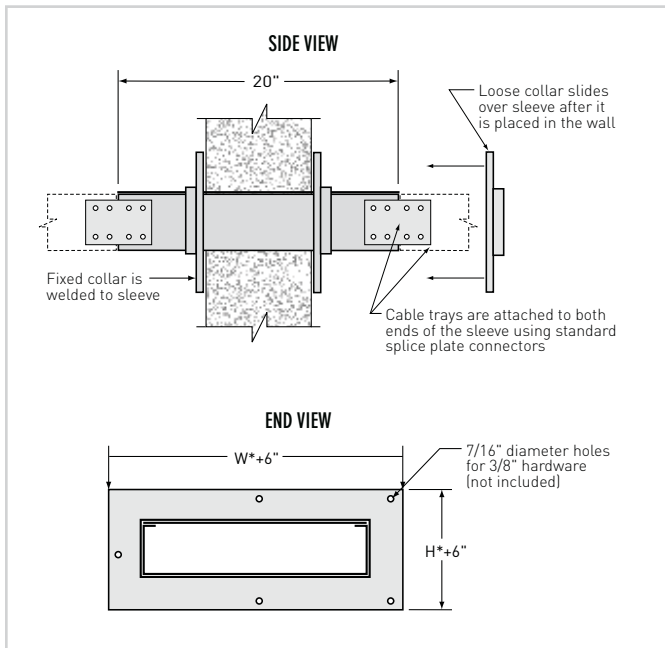
PRODUCT NUMBER	FASTENERS INCLUDED
0950	AS SPECIFIED

FIRE WALL PENETRATION SLEEVE

M G T



PRODUCT NUMBER	FASTENER OPTIONS
0440	GE S6



Fabricated cable tray fire stop sleeves from Legrand, combined with Hilti Firestop products, are an economical alternative to the high cost of fabricating protective fire wall and floor penetration sleeves in the field.

This firestop system provides a rigid support for cable tray in a UL classified system approved for fire wall and floor penetrations. After the sleeve is placed in the wall or floor, the loose collar slides over it. Hardware for the tray connection only is included. Hardware required to mount sleeves to the wall or floor is not included.

The Hilti Fire Block is a compressible fire stop brick, well-suited for installations where frequent cable changes may be required. Blocks are easily cut to fit any space, and can be removed and reinstalled when cable configurations change. When exposed to fire, the blocks expand to lock the seal in place.

**Each cable tray firestop sleeve includes:**

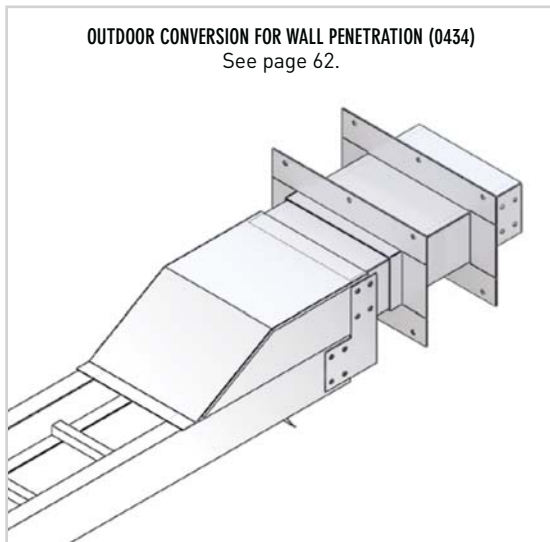
- One penetration sleeve with flanges
- Hilti Fire Blocks
- One Hilti Firestop Putty Stick
- Hardware for cable tray connection to the wall sleeve:

- Metallic and fiberglass cable trays with two side rails.  
The Firestop kit includes two pairs of splice plates with nuts & bolts; 316 stainless steel is recommended for use with fiberglass systems.

**NUMBER OF HILTI FIRE BLOCKS INCLUDED WITH EACH SLEEVE**

SLEEVE WIDTH	SIDE RAIL HEIGHT (IN.)			
	4	5	6	7
6	2	2	3	3
9	3	3	4	4
12	3	4	5	6
18	5	6	7	8
24	6	8	9	11
30	8	10	12	14
36	9	12	14	16

**OUTDOOR CONVERSION FOR WALL PENETRATION (0434)**  
See page 62.

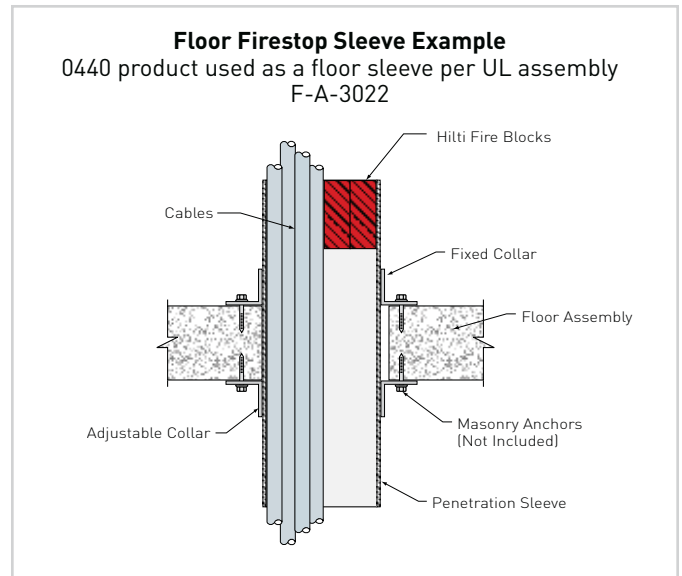
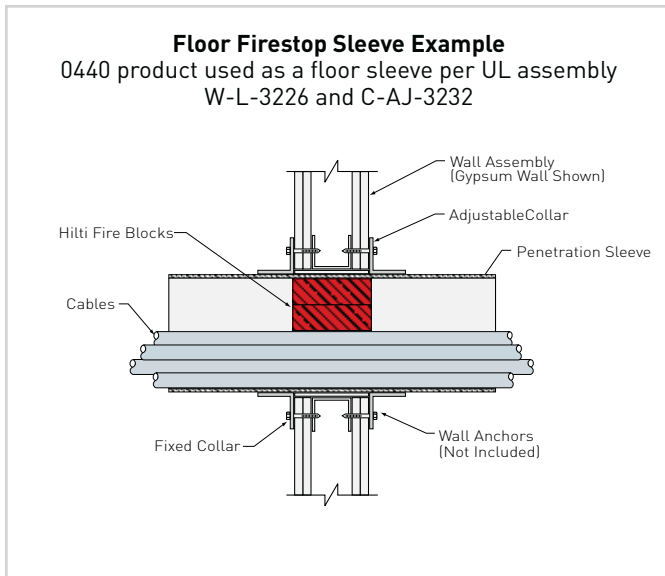


- Wall Penetration Sleeve (WPS or FWPS) not included in kit, must be ordered separately



**UL classified for use with:**

- 2-hr concrete or block walls
- 2-hr concrete floors
- 1-hr gypsum walls
- 2-hr gypsum walls



**WALL/FLOOR SLEEVE DESCRIPTION**

Designed for single runs of cable tray, having a height and width to match the tray system specified. One end of the 20 inch sleeve has a flange attached 6 inches from the end, while the flange for the other end is “floating” and is free to slide directly against the face of the wall as needed. The 20 inch length of the sleeve will accommodate a wall thickness of up to 8 inches. A wall thickness of 8 inches will result in the sleeve protruding 6 inches from each side of the wall. Both ends of the sleeve are punched with holes for attaching cable tray splice plates or hardware needed for the tray system specified.

**INSTALLATION**

The opening in the wall should be within 1 inch of the nominal height and width of the cable tray. The flanges of the sleeve have 7/16" diameter mounting holes for attachment to the wall using 3/8" diameter hardware. Hardware for wall attachment is not included. After the sleeve is mounted in the wall or floor, the cable trays on either side of the sleeve can be connected using the hardware supplied with the sleeve. When the trays are in place, the cables should be pulled through the wall and sleeve as needed. After all of the cables are installed in the tray, install the Fire Blocks as described. Any voids between cables should be filled with the Firestop Putty Stick.

**TECHNICAL DATA**

- Construction ..... Arc Welded
- Sleeve Dimensions ..... 20" x Tray Width x Tray Height
- Flange Dimensions ..... (Tray Width + 6") x (Tray Height + 6")
- UL Classification ..... Qualifies for use as an equipment grounding conductor per N.E.C. 392.7. Cross-sectional area and amperage ratings are based on the cable tray system attached to the sleeve.

**HILTI FIRE BLOCKS INSTALLATION**

- Walls:** Hilti Fire Blocks shall be installed with 5" dimension projecting through and centered within wall assembly.
- Floors:** Hilti Fire Blocks shall be installed with 5" dimension projecting through opening, flush with the top surface of sleeve or recessed within sleeve at any level above the top surface of floor.

Fire blocks fill the annular space between the cables and the sleeve. Fire Blocks may be cut to match the profile of cables or to fit opening. Any voids should be filled with 0618 Firestop Putty Stick.

**WALL PENETRATION SLEEVE CATALOG NUMBERING EXAMPLE:**

CONNECTOR SYSTEM NO.		PRODUCT NO.		FASTENER OPTIONS
6 M 2		0 4 4 0 - 3 6 - G E		
SIDE RAIL HEIGHT	FITTING SERIES	WIDTH		
4 - 4"	This item must be specified as <b>SERIES 2</b>	06 - 6"		
5 - 5"		09 - 9"		
6 - 6"		12 - 12"		
7 - 7"		18 - 18"		
		24 - 24"		
		30 - 30"		
		36 - 36"		

**MATERIAL:** M (Material), G (Material), T (Material)

# FIBERGLASS

F	FIBERGLASS
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**WIDTHS (W) INCHES**

6 | 9 | 12 | 18 | 24 | 30 | 36

**RAIL HEIGHTS (H) INCHES**

4 | 6

**LENGTHS (L) FEET**

10 | 20

RAIL HEIGHT (IN.)	LOAD DEPTH (IN.)	RAIL FLANGE (IN.)	NEMA CLASS	CSA CLASS	SERIES	TRAY SYSTEM NUMBER	
						LADDER	SOLID BOTTOM
4	2 <sup>7</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>4</sub>	12B	C	S1	7400	7D20
6	4 <sup>7</sup> / <sub>8</sub>	2	12C, 16A	D, 3M	S1	7615	7F20
	4 <sup>3</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	20C	E, 6M	S2	7625	7F24

**MATERIAL:**

Manufactured from polyester isophthalic resin conforming with ASTM E-84 Class 1. This material displays good corrosion resistance, including self extinguishing fire retardant properties that comply: UL94 V0, ASTM D-635, ASTM E-662, and FTMS 406-2023.

**MECHANICAL PROPERTIES:**

- Tensile Strength:** 20-30.6 kgf/mm<sup>2</sup>  
28.4-43.5 ksi
- Compression Strength:** 20-30.6 kgf/mm<sup>2</sup>  
28.4-43.5 ksi
- Flexural Strength:** 20-33.6 kfg/mm<sup>2</sup>  
28.4-43.5 ksi
- Shear Strength:** 6.1 kgf/mm<sup>2</sup>  
8.7 ksi
- Density:** 1.7-1.9 g/cm<sup>3</sup>  
0.061-0.069lb/in<sup>3</sup>

**THERMAL PROPERTIES:**

- Thermal Conductivity:** 0.2-0.3 kcal/(mh °C)
- Oxygen Index:** 42%
- Operating Temperature:** -140 to +120 °C  
-220 to 248 °F

TEMPERATURE		Polyester resin % of strength
F°	C°	
75	25	100%
100	38	90%
125	50	78%
150	68	68%
175	79	60%
200	90	52%

**WEATHER RESISTANCE:**

- Water Absorption:** 24 h = 0.15%  
4 days = 0.25%
- Weight Increase:** After 500 h = 0.7%

**ELECTRICAL PROPERTIES:**

- Dielectric Strength:** 7-15 kV/mm
- Insulation Resistance:** 10<sup>13</sup> -10<sup>16</sup> ohm

Pultruded profiles display excellent resistance to the effects of UV and weathering.



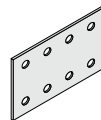
FIBERGLASS STRAIGHT SECTIONS

**CONNECTORS & FITTINGS:**

Necessary connectors are supplied with all trays. Extra connectors for field cuts or spares must be ordered separately. Supplied in pairs with 316 stainless steel hardware. Fiberglass hardware is also available.



**SPLICING**



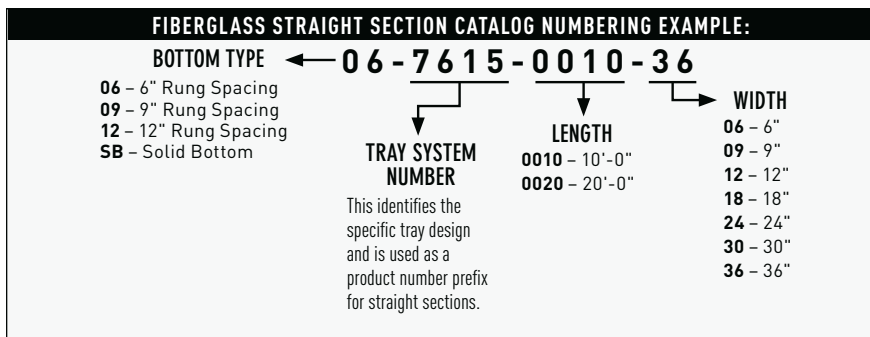
All fiberglass fittings have 5" tangents and splices with 8 predrilled holes. The vertical height of the splice is based upon the tray series.



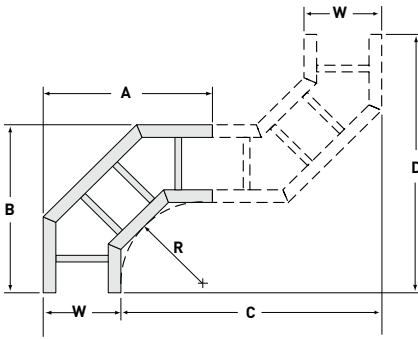
SUPPORT SPAN (FT.)															
6		8		10		12		14		16		18		20	
SAFE LOAD DATA (LBS./FT.) / DEFLECTION (IN.) / SAFETY FACTOR 1.5															
196	0.38	164	0.85	138	1.61	80	2.08	56	2.57	41	3.04				
		174	0.53	159	0.88	128	1.24	105	1.59	82	1.95	50	2.45		
				278	1.25	246	2.03	215	2.79	183	3.56	152	4.31	120	5.09

RESISTANCE TO VARIOUS CHEMICAL AGENTS			
CHEMICAL AGENT	CONC.	TEMP C°	TEMP F°
Acetic Acid	5%	65	149
Aluminum Sulphate		95	203
Ammonium Nitrate	100%	95	203
Beer		20	68
Benzene		20	68
Calcium Chloride		95	203
Chlorine Gas/Water		20	68
Chromic Acid	5%	95	203
Copper Sulphate		95	203
Ethylene Chlorohydrin		65	149
Ethylene Glycol		95	203
Ferrous Sulphate		95	203
Fatty Acids	100%	95	203
Hydrochloric Acid	1%	95	203
Hydrochloric Acid	10%	65	149
Hydrochloric Acid	37%	25	77
Kerosene		95	203
Magnesium Chloride		95	203
Napthaline		95	203

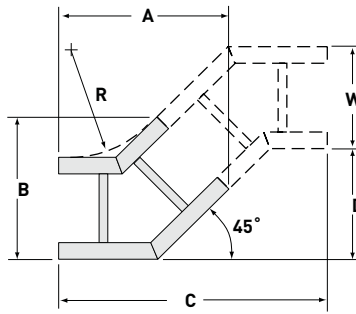
RESISTANCE TO VARIOUS CHEMICAL AGENTS			
CHEMICAL AGENT	CONC.	TEMP C°	TEMP F°
Nitric Acid	30%	20	68
Phosphoric Acid	10%	95	203
Phosphoric Acid	85%	65	149
Salt Water		65	149
Sodium Bicarbonate		65	149
Sodium Bisulphate		25	77
Sodium Carbonate		25	77
Sodium Chloride		95	203
Sodium Hypochlorite	5%	65	149
Sodium Nitrate	100%	95	203
Sodium Silicate		25	77
Sodium Sulphate		95	203
Sulphuric Acid	1%	95	203
Sulphuric Acid	5%	65	149
Sulphuric Acid	10%	76	169
Sulphuric Acid	30%	25	77
Trisodium Phosphate		25	77
Water Sea/lap	100%	50	122
Zinc Sulphate		65	149



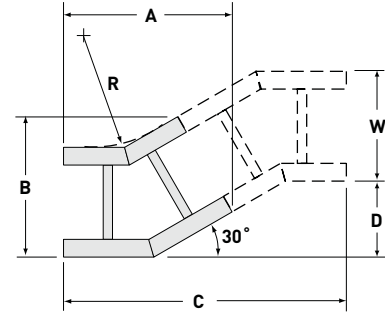
HORIZONTAL 90° ELBOW



HORIZONTAL 60° ELBOW



HORIZONTAL 30° ELBOW



PRODUCT NUMBER RADIUS (IN.)	W	A	B	C	D
9012 12	6	20	20	34	34
	9	23	23	37	37
	12	26	26	40	40
	18	32	32	46	46
	24	38	38	52	52
	30	44	44	58	58
	36	50	50	64	64
9024 24	6	32	32	58	58
	9	35	35	61	61
	12	38	38	64	64
	18	44	44	70	70
	24	50	50	76	76
	30	56	56	82	82
	36	62	62	88	88
9036 36	6	44	44	82	82
	9	47	47	85	85
	12	50	50	88	88
	18	56	56	94	94
	24	62	62	100	100
	30	68	68	106	106
	36	74	74	112	112

PRODUCT NUMBER RADIUS (IN.)	W	A	B	C	D
4512 12	6	16 <sup>1</sup> / <sub>8</sub>	11	27 <sup>7</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>2</sub>
	9	18 <sup>1</sup> / <sub>4</sub>	14	30	12 <sup>1</sup> / <sub>2</sub>
	12	20 <sup>3</sup> / <sub>8</sub>	17	32 <sup>1</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>
	18	24 <sup>5</sup> / <sub>8</sub>	23	36 <sup>3</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>8</sub>
	24	28 <sup>3</sup> / <sub>4</sub>	29	40 <sup>3</sup> / <sub>4</sub>	16 <sup>7</sup> / <sub>8</sub>
	30	33 <sup>1</sup> / <sub>8</sub>	35	44 <sup>7</sup> / <sub>8</sub>	18 <sup>5</sup> / <sub>8</sub>
	36	37 <sup>3</sup> / <sub>8</sub>	41	49 <sup>1</sup> / <sub>8</sub>	20 <sup>3</sup> / <sub>8</sub>
4524 24	6	24 <sup>5</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>2</sub>	44 <sup>7</sup> / <sub>8</sub>	18 <sup>5</sup> / <sub>8</sub>
	9	26 <sup>3</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>2</sub>	47	19 <sup>1</sup> / <sub>2</sub>
	12	28 <sup>7</sup> / <sub>8</sub>	20 <sup>1</sup> / <sub>2</sub>	49 <sup>1</sup> / <sub>8</sub>	20 <sup>3</sup> / <sub>8</sub>
	18	33 <sup>1</sup> / <sub>8</sub>	26 <sup>1</sup> / <sub>2</sub>	53 <sup>3</sup> / <sub>8</sub>	22 <sup>1</sup> / <sub>8</sub>
	24	37 <sup>3</sup> / <sub>8</sub>	32 <sup>1</sup> / <sub>2</sub>	57 <sup>5</sup> / <sub>8</sub>	23 <sup>7</sup> / <sub>8</sub>
	30	41 <sup>5</sup> / <sub>8</sub>	38 <sup>1</sup> / <sub>2</sub>	61 <sup>7</sup> / <sub>8</sub>	25 <sup>5</sup> / <sub>8</sub>
	36	45 <sup>7</sup> / <sub>8</sub>	44 <sup>1</sup> / <sub>2</sub>	66 <sup>1</sup> / <sub>8</sub>	27 <sup>3</sup> / <sub>8</sub>
4536 36	6	33 <sup>1</sup> / <sub>8</sub>	18	61 <sup>7</sup> / <sub>8</sub>	25 <sup>5</sup> / <sub>8</sub>
	9	35 <sup>1</sup> / <sub>4</sub>	21	64	26 <sup>1</sup> / <sub>2</sub>
	12	37 <sup>3</sup> / <sub>8</sub>	24	66 <sup>1</sup> / <sub>8</sub>	27 <sup>3</sup> / <sub>8</sub>
	18	41 <sup>5</sup> / <sub>8</sub>	30	70 <sup>3</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>8</sub>
	24	45 <sup>7</sup> / <sub>8</sub>	36	74 <sup>5</sup> / <sub>8</sub>	30 <sup>7</sup> / <sub>8</sub>
	30	50 <sup>1</sup> / <sub>8</sub>	42	78 <sup>7</sup> / <sub>8</sub>	32 <sup>5</sup> / <sub>8</sub>
	36	54 <sup>1</sup> / <sub>4</sub>	48	83 <sup>1</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>

PRODUCT NUMBER RADIUS (IN.)	W	A	B	C	D
3012 12	6	12 <sup>2</sup> / <sub>4</sub>	8 <sup>3</sup> / <sub>4</sub>	22 <sup>2</sup> / <sub>8</sub>	6
	9	14 <sup>1</sup> / <sub>4</sub>	11 <sup>3</sup> / <sub>4</sub>	23 <sup>7</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>
	12	15 <sup>3</sup> / <sub>4</sub>	14 <sup>3</sup> / <sub>4</sub>	25 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>4</sub>
	18	18 <sup>3</sup> / <sub>8</sub>	20 <sup>3</sup> / <sub>8</sub>	28 <sup>3</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>
	24	21 <sup>3</sup> / <sub>4</sub>	26 <sup>3</sup> / <sub>4</sub>	31 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>
	30	24 <sup>3</sup> / <sub>4</sub>	32 <sup>3</sup> / <sub>4</sub>	34 <sup>3</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>4</sub>
	36	27 <sup>3</sup> / <sub>4</sub>	38 <sup>3</sup> / <sub>4</sub>	37 <sup>3</sup> / <sub>8</sub>	10
3024 24	6	18 <sup>3</sup> / <sub>4</sub>	10 <sup>3</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>4</sub>
	9	20 <sup>1</sup> / <sub>4</sub>	13 <sup>3</sup> / <sub>8</sub>	35 <sup>7</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>8</sub>
	12	21 <sup>3</sup> / <sub>4</sub>	16 <sup>3</sup> / <sub>8</sub>	37 <sup>3</sup> / <sub>8</sub>	10
	18	24 <sup>2</sup> / <sub>4</sub>	22 <sup>3</sup> / <sub>8</sub>	40 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>4</sub>
	24	27 <sup>3</sup> / <sub>4</sub>	28 <sup>3</sup> / <sub>8</sub>	43 <sup>3</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>8</sub>
	30	30 <sup>3</sup> / <sub>4</sub>	34 <sup>3</sup> / <sub>8</sub>	46 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>
	36	33 <sup>3</sup> / <sub>4</sub>	40 <sup>3</sup> / <sub>8</sub>	49 <sup>3</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>4</sub>
3036 36	6	24 <sup>2</sup> / <sub>4</sub>	12	46 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>
	9	26 <sup>1</sup> / <sub>4</sub>	15	47 <sup>7</sup> / <sub>8</sub>	12 <sup>7</sup> / <sub>8</sub>
	12	27 <sup>3</sup> / <sub>4</sub>	18	49 <sup>3</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>4</sub>
	18	30 <sup>3</sup> / <sub>4</sub>	24	52 <sup>3</sup> / <sub>8</sub>	14
	24	33 <sup>3</sup> / <sub>4</sub>	30	55 <sup>3</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>8</sub>
	30	36 <sup>3</sup> / <sub>4</sub>	36	58 <sup>3</sup> / <sub>8</sub>	15 <sup>5</sup> / <sub>8</sub>
	36	39 <sup>3</sup> / <sub>4</sub>	42	61 <sup>3</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>2</sub>

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 6

FIBERGLASS HORIZONTAL ELBOW CATALOG NUMBERING EXAMPLE:

PRODUCT NO.

BOTTOM TYPE ← **LD - 7 6 1 5 - 4 5 1 2 - 3 6** → WIDTH

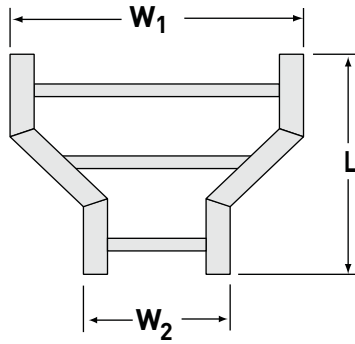
LD - Ladder  
SB - Solid Bottom

TRAY SYSTEM NUMBER

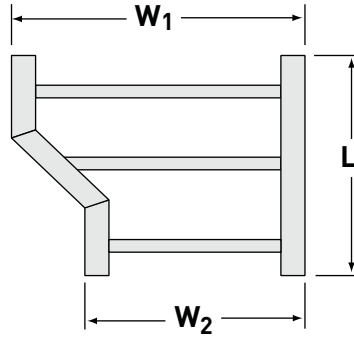
This identifies the specific tray design and is used as a product number prefix for straight sections.

06 - 6"  
09 - 9"  
12 - 12"  
18 - 18"  
24 - 24"  
30 - 30"  
36 - 36"

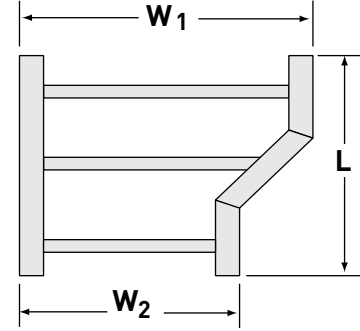
**HORIZONTAL STRAIGHT REDUCER**



**HORIZONTAL LEFT HAND REDUCER**



**HORIZONTAL RIGHT HAND REDUCER**



MAIN WIDTH W1	BRANCH WIDTH W2	PRODUCT NUMBER	L
9	6	0109	18 <sup>1</sup> / <sub>4</sub>
12	6	0112	17 <sup>5</sup> / <sub>8</sub>
12	9	0112	18 <sup>1</sup> / <sub>4</sub>
18	6	0118	20 <sup>5</sup> / <sub>8</sub>
18	9	0118	19 <sup>1</sup> / <sub>8</sub>
18	12	0118	17 <sup>5</sup> / <sub>8</sub>
24	6	0124	23 <sup>5</sup> / <sub>8</sub>
24	9	0124	22 <sup>1</sup> / <sub>8</sub>
24	12	0124	20 <sup>5</sup> / <sub>8</sub>
24	18	0124	17 <sup>5</sup> / <sub>8</sub>
30	6	0130	26 <sup>5</sup> / <sub>8</sub>
30	9	0130	25 <sup>1</sup> / <sub>8</sub>
30	12	0130	23 <sup>5</sup> / <sub>8</sub>
30	18	0130	20 <sup>5</sup> / <sub>8</sub>
30	24	0130	17 <sup>5</sup> / <sub>8</sub>
36	6	0136	29 <sup>5</sup> / <sub>8</sub>
36	9	0136	28 <sup>1</sup> / <sub>8</sub>
36	12	0136	26 <sup>5</sup> / <sub>8</sub>
36	18	0136	23 <sup>5</sup> / <sub>8</sub>
36	24	0136	20 <sup>5</sup> / <sub>8</sub>
36	30	0136	17 <sup>5</sup> / <sub>8</sub>

MAIN WIDTH W1	BRANCH WIDTH W2	PRODUCT NUMBER	L
9	6	0709	17 <sup>5</sup> / <sub>8</sub>
12	6	0712	20 <sup>5</sup> / <sub>8</sub>
12	9	0712	17 <sup>5</sup> / <sub>8</sub>
18	6	0718	26 <sup>5</sup> / <sub>8</sub>
18	9	0718	23 <sup>5</sup> / <sub>8</sub>
18	12	0718	20 <sup>5</sup> / <sub>8</sub>
24	6	0724	32 <sup>5</sup> / <sub>8</sub>
24	9	0724	29 <sup>5</sup> / <sub>8</sub>
24	12	0724	26 <sup>5</sup> / <sub>8</sub>
24	18	0724	20 <sup>5</sup> / <sub>8</sub>
30	6	0730	38 <sup>5</sup> / <sub>8</sub>
30	9	0730	35 <sup>5</sup> / <sub>8</sub>
30	12	0730	32 <sup>5</sup> / <sub>8</sub>
30	18	0730	26 <sup>5</sup> / <sub>8</sub>
30	24	0730	20 <sup>5</sup> / <sub>8</sub>
36	6	0736	44 <sup>5</sup> / <sub>8</sub>
36	9	0736	41 <sup>5</sup> / <sub>8</sub>
36	12	0736	38 <sup>5</sup> / <sub>8</sub>
36	18	0736	32 <sup>5</sup> / <sub>8</sub>
36	24	0736	26 <sup>5</sup> / <sub>8</sub>
36	30	0736	20 <sup>5</sup> / <sub>8</sub>

MAIN WIDTH W1	BRANCH WIDTH W2	PRODUCT NUMBER	L
9	6	0809	17 <sup>5</sup> / <sub>8</sub>
12	6	0812	20 <sup>5</sup> / <sub>8</sub>
12	9	0812	17 <sup>5</sup> / <sub>8</sub>
18	6	0818	26 <sup>5</sup> / <sub>8</sub>
18	9	0818	23 <sup>5</sup> / <sub>8</sub>
18	12	0818	20 <sup>5</sup> / <sub>8</sub>
24	6	0824	32 <sup>5</sup> / <sub>8</sub>
24	9	0824	29 <sup>5</sup> / <sub>8</sub>
24	12	0824	26 <sup>5</sup> / <sub>8</sub>
24	18	0824	20 <sup>5</sup> / <sub>8</sub>
30	6	0830	38 <sup>5</sup> / <sub>8</sub>
30	9	0830	35 <sup>5</sup> / <sub>8</sub>
30	12	0830	32 <sup>5</sup> / <sub>8</sub>
30	18	0830	26 <sup>5</sup> / <sub>8</sub>
30	24	0830	20 <sup>5</sup> / <sub>8</sub>
36	6	0836	44 <sup>5</sup> / <sub>8</sub>
36	9	0836	41 <sup>5</sup> / <sub>8</sub>
36	12	0836	38 <sup>5</sup> / <sub>8</sub>
36	18	0836	32 <sup>5</sup> / <sub>8</sub>
36	24	0836	26 <sup>5</sup> / <sub>8</sub>
36	30	0836	20 <sup>5</sup> / <sub>8</sub>

**FIBERGLASS HORIZONTAL REDUCER CATALOG NUMBERING EXAMPLE:**

PRODUCT NO.

**SB - 7 F 20 - 0 1 1 8 - 1 2**

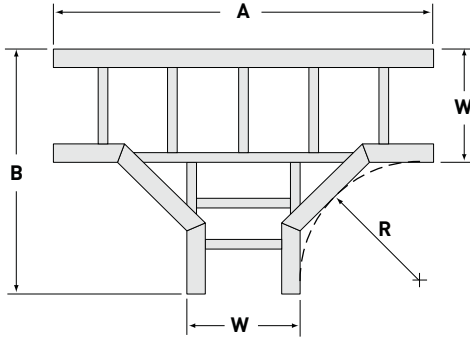
**BOTTOM TYPE** ← SB - Ladder  
LD - Ladder  
SB - Solid Bottom

**TRAY SYSTEM NUMBER**  
This identifies the specific tray design and is used as a product number prefix for straight sections.

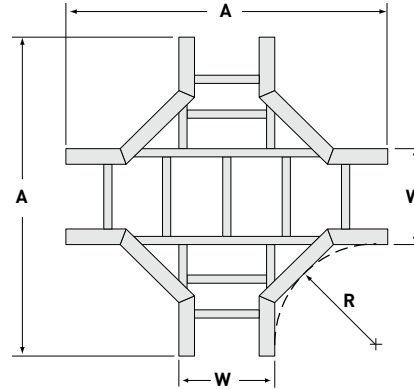
**W1 W2**  
06 - 6"  
09 - 9"  
12 - 12"  
18 - 18"  
24 - 24"  
30 - 30"  
36 - 36"

FIBERGLASS FITTINGS

**HORIZONTAL TEE**



**HORIZONTAL CROSS**



PRODUCT NUMBER RADIUS (IN.)	W	A	B
<b>2012</b> 12	6	34	20
	9	37	23
	12	40	26
	18	46	32
	24	52	38
	30	58	44
	36	64	50
<b>2024</b> 24	6	58	32
	9	61	35
	12	64	38
	18	70	44
	24	76	50
	30	82	56
	36	88	62
<b>2036</b> 36	6	82	44
	9	85	47
	12	88	50
	18	94	56
	24	100	62
	30	106	68
	36	112	74

PRODUCT NUMBER RADIUS (IN.)	W	A
<b>1012</b> 12	6	34
	9	37
	12	40
	18	46
	24	52
	30	58
	36	64
<b>1024</b> 24	6	58
	9	61
	12	64
	18	70
	24	76
	30	82
	36	88
<b>1036</b> 36	6	82
	9	85
	12	88
	18	94
	24	100
	30	106
	36	112

FIBERGLASS FITTINGS

**WIDTHS (W) INCHES**

6 | 9 | 12 | 18 | 24 | 30 | 36

**RAIL HEIGHTS (H) INCHES**

4 | 6

**RADIUS (R) INCHES**

12 | 24 | 36

**FIBERGLASS HORIZONTAL TEE CATALOG NUMBERING EXAMPLE:**

PRODUCT NO.

**LD - 7615 - 2012 - 12**

BOTTOM TYPE
←
LD - Ladder
SB - Solid Bottom
→
WIDTH

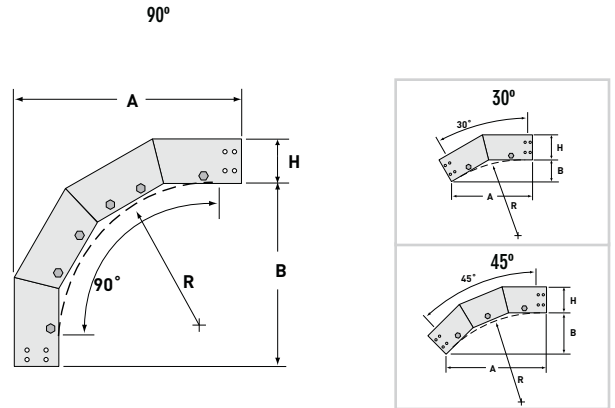
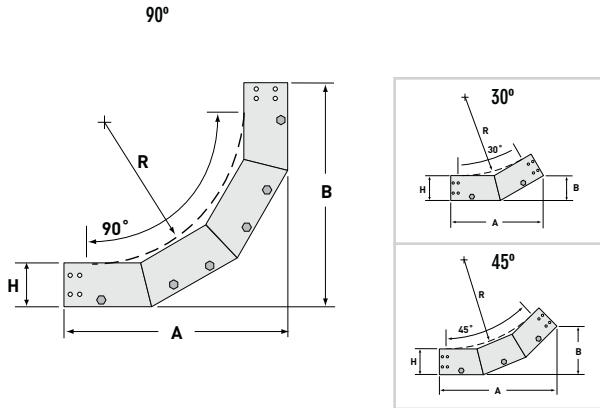
↓
**TRAY SYSTEM NUMBER**

This identifies the specific tray design and is used as a product number prefix for straight sections.

06 - 6"  
 09 - 9"  
 12 - 12"  
 18 - 18"  
 24 - 24"  
 30 - 30"  
 36 - 36"

**VERTICAL INSIDE ELBOWS**

**VERTICAL OUTSIDE ELBOWS**



	PRODUCT NUMBER RADIUS (IN.)	W	RAIL HEIGHT (IN.)			
			4		6	
			A	B	A	B
90°	9112 12	ALL	18	18	20	20
	9124 24	ALL	30	30	32	32
	9136 36	ALL	42	42	44	44
45°	4612 12	ALL	14 <sup>3</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>8</sub>	6 <sup>5</sup> / <sub>8</sub>
	4624 24	ALL	23 <sup>1</sup> / <sub>4</sub>	9 <sup>5</sup> / <sub>8</sub>	24 <sup>5</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>4</sub>
	4636 36	ALL	31 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>8</sub>	33 <sup>1</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>4</sub>
30°	3112 12	ALL	11 <sup>3</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub>
	3124 24	ALL	17 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>4</sub>	5
	3136 36	ALL	23 <sup>3</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>8</sub>	24 <sup>3</sup> / <sub>4</sub>	6 <sup>5</sup> / <sub>8</sub>

	PRODUCT NUMBER RADIUS (IN.)	W	RAIL HEIGHT (IN.)			
			4		6	
			A	B	A	B
90°	9212 12	ALL	18	14	20	14
	9224 24	ALL	30	26	32	26
	9236 36	ALL	42	38	44	38
45°	4712 12	ALL	11 <sup>7</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>	11 <sup>7</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>
	4724 24	ALL	20 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	20 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>
	4736 36	ALL	28 <sup>7</sup> / <sub>8</sub>	12	28 <sup>7</sup> / <sub>8</sub>	12
30°	3212 12	ALL	9 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>
	3224 24	ALL	15 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>
	3236 36	ALL	21 <sup>3</sup> / <sub>4</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>3</sup> / <sub>4</sub>	5 <sup>7</sup> / <sub>8</sub>

**FIBERGLASS INSIDE ELBOW CATALOG NUMBERING EXAMPLE:**

**BOTTOM TYPE**

LD - Ladder  
SB - Solid Bottom

PRODUCT NO.

**LD - 7615 - 9112 - 24**

**TRAY SYSTEM NUMBER**

This identifies the specific tray design and is used as a product number prefix for straight sections.

**WIDTH**

06 - 6"  
09 - 9"  
12 - 12"  
18 - 18"  
24 - 24"  
30 - 30"  
36 - 36"

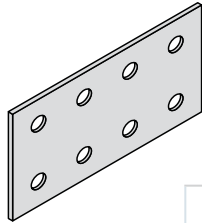
FIBERGLASS FITTINGS



Splice plates and connectors are fire-retardant polyester resin per ASTM E84 Class 1. Sufficient connector pairs with fasteners are automatically included with each shipment of straight sections and fittings. Extras must be ordered separately. Type 316 stainless steel fasteners are included standard, but fiberglass and fiberglass-encapsulated fasteners are options. Tighten flanged hex nut to approximately 17-23 ft.-lbs. of torque for stainless steel hardware and 4 ft.-lbs. of torque for fiberglass hardware.

### STANDARD SPLICE

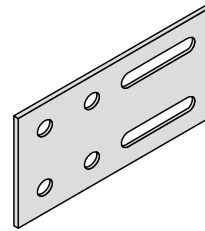
F



PRODUCT NUMBER	FASTENERS
1302	S6 FG
<b>CATALOG NUMBERING EXAMPLE:</b>	
System No.	Fasteners
F 1 -	1302 - S 6

### EXPANSION SPLICE

F

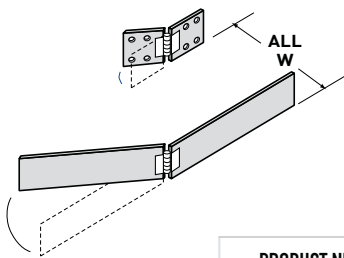


Allows thermal contraction and expansion of tray of up to 1". Tray length and temperature differential govern the spacing and quantity needed.

PRODUCT NUMBER	FASTENERS
1314	S6 FG
<b>CATALOG NUMBERING EXAMPLE:</b>	
System No.	Fasteners
F 1 -	1314 - S 6

### HORIZONTAL ADJUSTABLE SPLICE

F

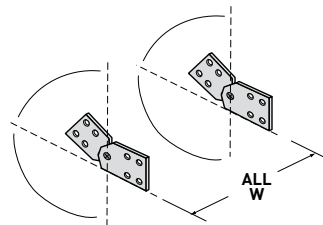


Joins trays at adjustable bend angles up to 30°.

PRODUCT NUMBER	FASTENERS
1305	S6 FG
<b>CATALOG NUMBERING EXAMPLE:</b>	
System No.	Fasteners
F 1 -	1305 - S 6

### VERTICAL ADJUSTABLE SPLICE

F

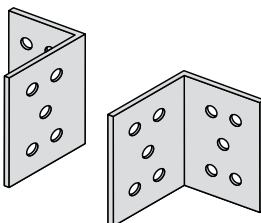


Joins trays at adjustable bend angles up to 90°.

PRODUCT NUMBER	FASTENERS
1307	S6 FG
<b>CATALOG NUMBERING EXAMPLE:</b>	
System No.	Fasteners
F 1 -	1307 - S 6

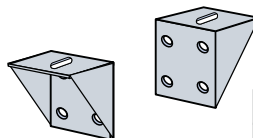
### 90° CONNECTOR

F

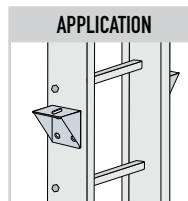


### VERTICAL HANGER SPLICE

F



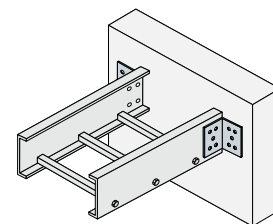
Provides vertical support point for trays.



### TRAY-TO-BOX CONNECTOR

F

Connects tray to the wall or a vertical upright. Hardware for tray attachment only is included.



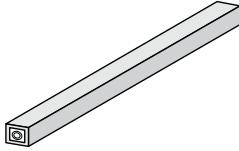
PRODUCT NUMBER	FASTENERS
1320	S6 FG
<b>CATALOG NUMBERING EXAMPLE:</b>	
System No.	Fasteners
F 1 -	1320 - S 6

PRODUCT NUMBER	FASTENERS
0356	S6 FG
<b>CATALOG NUMBERING EXAMPLE:</b>	
System No.	Fasteners
F 1 -	0356 - S 6

PRODUCT NUMBER	FASTENERS
1864	S6 FG
<b>CATALOG NUMBERING EXAMPLE:</b>	
System No.	Fasteners
F 1 -	1864 - S 6

**ADDITIONAL RUNG** F

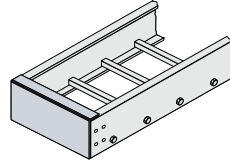
Add or replace a tray rung using the hardware provided. Field drilling may be required. Rungs include factory-installed threaded collets.



PRODUCT NUMBER	FASTENERS
<b>8200</b>	<b>S6</b>
<b>CATALOG NUMBERING EXAMPLE:</b>	
Material	Width Fasteners
F - <b>8200</b>	-12-S6

**BLIND END PLATE** F

Seals off the open end of a cable tray. Attaches to the tray using standard 3/8" dia. connector hardware.

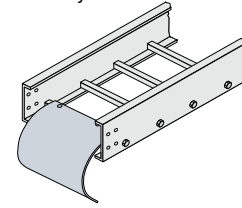


**RAIL HEIGHTS (H)**  
INCHES  
4 | 6

PRODUCT NUMBER	FASTENERS
<b>0402</b>	<b>S6 FG</b>
<b>CATALOG NUMBERING EXAMPLE:</b>	
System No.	Width Fasteners
6 F I - <b>0402</b>	-12-S6

**CABLE DROPOUT** T

Provides a smooth, rounded surface for cables dropping out of the bottom of the cable tray.



RADIUS	PRODUCT NUMBER	FASTENERS
5	<b>0254</b>	<b>S6</b>
<b>CATALOG NUMBERING EXAMPLE:</b>		
System No.	Width Fasteners	
T I - <b>0254</b>	-24-S6	

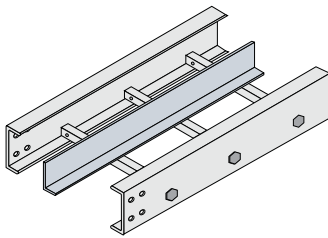
**DIVIDER STRIPS** F

Straight strips are for use with all straight ladder tray; flexible strips are for use with all horizontal fittings of any radius. Field-drilled holes are required for installation of all divider strips. Clips should be attached to rungs on alternating sides of the divider strip.

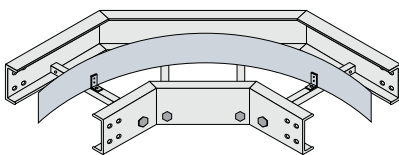
**RAIL HEIGHTS (H)**  
INCHES

4 | 6

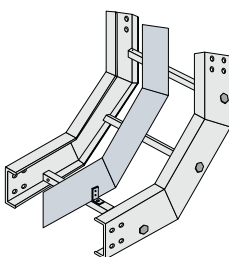
STRAIGHT HORIZONTAL DIVIDER



FLEXIBLE HORIZONTAL DIVIDER



VERTICAL FITTING DIVIDER



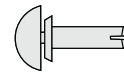
TYPE	PRODUCT NUMBER	LENGTH (FT)
STRAIGHT HORIZONTAL	<b>0010-99</b>	10
<b>(5) THERMOPLASTIC DRIVE RIVETS INCLUDED</b>		

TYPE	PRODUCT NUMBER	LENGTH (FT)
FLEXIBLE HORIZONTAL	<b>0606-99</b>	6
<b>(4) HOLD DOWN CLIPS INCLUDED</b>		

TYPE	PRODUCT NUMBER	RADIUS
VERTICAL 90° INSIDE ELBOW	<b>9112-99</b>	12
	<b>9124-99</b>	24
	<b>9136-99</b>	36
VERTICAL 90° OUTSIDE ELBOW	<b>9212-99</b>	12
	<b>9224-99</b>	24
	<b>9236-99</b>	36
VERTICAL 45° INSIDE ELBOW	<b>4612-99</b>	12
	<b>4624-99</b>	24
	<b>4636-99</b>	36
VERTICAL 45° OUTSIDE ELBOW	<b>4712-99</b>	12
	<b>4724-99</b>	24
	<b>4736-99</b>	36
VERTICAL 30° INSIDE ELBOW	<b>3112-99</b>	12
	<b>3124-99</b>	24
	<b>3136-99</b>	36
VERTICAL 30° OUTSIDE ELBOW	<b>3212-99</b>	12
	<b>3224-99</b>	24
	<b>3236-99</b>	36

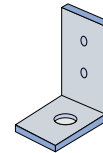
<b>(2) HOLD DOWN CLIPS INCLUDED</b>		
<b>CATALOG NUMBERING EXAMPLE:</b>		
System No.		
6 F - <b>0010-99</b>	-P L	

**THERMOPLASTIC DRIVE RIVET**



<b>COMPLETE CATALOG NO.</b>
<b>DS-8935-PL</b>

**HOLD DOWN CLIP** F



<b>COMPLETE CATALOG NO.</b>
<b>F-1852-PL</b>
<b>(3) THERMOPLASTIC DRIVE RIVETS INCLUDED</b>

**FIELD CUTTING SEALANT**



Used to reseal fiberglass after field modifications. Available in quart and gallon sizes. Includes two brushes.

SIZE	CATALOG NO.
<b>QUART</b>	<b>0941-Q</b>
<b>GALLON</b>	<b>0941-G</b>

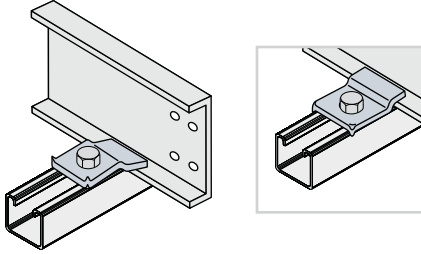
FIBERGLASS PREFIX OPTIONS

F1	<b>SERIES1</b>
F2	<b>SERIES2</b>
FI	Flange In



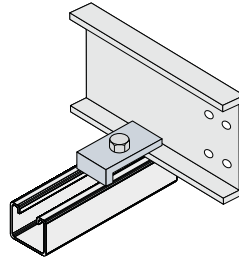
### EXPANSION GUIDE CLAMP T

Works as an expansion guide and flips over as a hold down clamp. For use with all ladder tray systems.



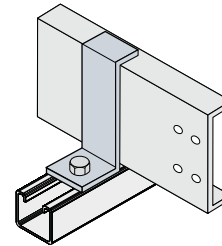
### HOLD DOWN CLAMP F

Securely fastens the tray to the support member. For use with all ladder tray systems.



### Z-HOLD DOWN CLAMP F T

Securely fastens the tray to the support member and prevents lateral movement. For use with all flange-in tray systems.



RAIL HEIGHTS (H)  
INCHES  
4 | 6

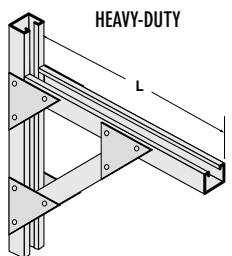
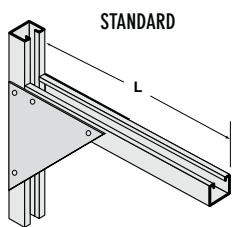
PRODUCT NUMBER	FASTENERS INCLUDED	
1893-01	S6	$\frac{3}{8}$ " x $1\frac{1}{2}$ " hex bolt, $\frac{3}{8}$ " flanged nut
1893-02	NONE	
1893-03	S6	$\frac{3}{8}$ " x $1\frac{1}{2}$ " hex bolt, $\frac{3}{8}$ " spring nut
CATALOG NUMBERING EXAMPLE:		
Material	Fasteners	
T - <b>1893-01</b> - S6		

PRODUCT NUMBER	FASTENERS INCLUDED		
1811-01	S6	FG	$\frac{3}{8}$ " x $1\frac{1}{2}$ " hex bolt, $\frac{3}{8}$ " flanged nut
1811-02	NONE		
1811-03	S6	FG	$\frac{3}{8}$ " x $1\frac{1}{2}$ " hex bolt, $\frac{3}{8}$ " channel nut
CATALOG NUMBERING EXAMPLE:			
Material	Fasteners		
F - <b>1811-01</b> - S6			

PRODUCT NUMBER	FASTENERS INCLUDED	
1866-01	S6	$\frac{1}{4}$ " x $1\frac{1}{2}$ " hex bolt, $\frac{1}{4}$ " flanged nut
	FG	$\frac{3}{8}$ " x $1\frac{1}{2}$ " hex bolt, $\frac{3}{8}$ " flanged nut
1866-02	NONE	
1866-03	S6	$\frac{1}{4}$ " x $1\frac{1}{2}$ " hex bolt, $\frac{1}{4}$ " spring nut
	FG	$\frac{3}{8}$ " x $1\frac{1}{2}$ " hex bolt, $\frac{3}{8}$ " spring nut
CATALOG NUMBERING EXAMPLE:		
System No.	Fasteners	
6T - <b>1866-01</b> - S6		

### SUPPORT BRACKETS F

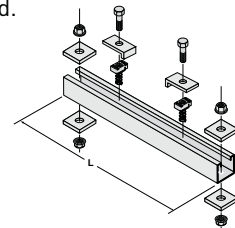
Support brackets use  $1\frac{5}{8}$ " x  $1\frac{5}{8}$ " struts. Uniform Design Load is based on a safety factor of 2.0. When selecting "L", allow extra for flanges when supporting a solid bottom tray system.



L	STANDARD		HEAVY-DUTY	
	PRODUCT NUMBER	DESIGN LOAD (LBS.)	PRODUCT NUMBER	DESIGN LOAD (LBS.)
7	0386	245	-	-
10	0386	237	-	-
13	0386	230	-	-
16	0386	217	-	-
19	0386	205	0387	610
22	0386	192	-	-
25	0386	180	0387	590
31	-	-	0387	700
37	-	-	0387	700
43	-	-	0387	700
ASSEMBLY HARDWARE				S6
CATALOG NUMBERING EXAMPLE:				
Material	Length			
F - <b>0386</b> - 10				

### TRAPEZE HANGER SUPPORT KIT (STANDARD DUTY) F T

Made with  $1\frac{5}{8}$ " x  $1\frac{5}{8}$ " fiberglass strut, designed to accept  $\frac{1}{2}$ " threaded rod (sold separately). Includes hardware for ladder trays. For other designs contact Legrand.



TRAY WIDTH	PRODUCT NUMBER		
6	0385-10		
9	0385-13		
12	0385-16		
18	0385-22		
24	0385-28		
30	0385-34		
36	0385-40		
FASTENERS INCLUDED		FG	S6
CATALOG NUMBERING EXAMPLE:			
Material	Length	Fasteners	
F - <b>0385-10</b> - S6			

FIBERGLASS ACCESSORIES

# CABLE RUNWAY

## B.81 STRAIGHT SECTIONS

## B.82 FITTINGS

## B.83 SPLICES, CONNECTORS & ACCESSORIES



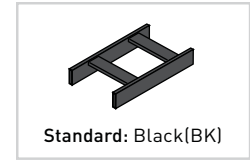
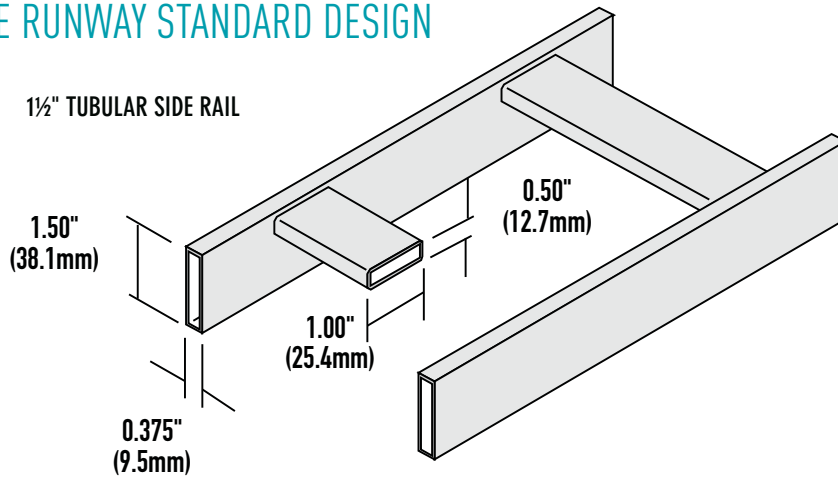
Cable Runway is available in tubular side rails that are lightweight yet strong and utilize rungs made of tubular steel.

Cable runway is commonly used in telecommunications and voice and data applications. Specific application examples include, computer data centers, server farms, 911 call centers, network control centers, telephone/wireless communication centers, and phone/data closets in commercial office buildings.

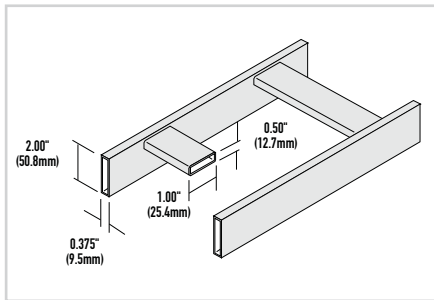
Powder-coated finish available in standard black.

- Available in 6", 9", 12", 18", and 24" widths
- Available in tubular side rail design
- All rails are 10' in length

## CABLE RUNWAY STANDARD DESIGN



## CABLE RUNWAY OPTIONAL DESIGN



2" TUBULAR SIDE RAIL

### STANDARD DESIGN

TYPE	PRODUCT NUMBER	RAIL HEIGHT*	SUPPORT SPAN (FT.) SAFE LOAD (LBS./FT.) / DEFLECTION (IN.)									
			4	5	6	7	8					
TUBULAR	8104	1½	248	0.41	159	0.63	110	1.19	81	1.24	62	1.62

### OPTIONAL DESIGN

TUBULAR	8204	2	300*	0.29	274	0.65	190	0.93	140	1.27	107	1.66
---------	------	---	------	------	-----	------	-----	------	-----	------	-----	------

\* 1½ tubular rail height is standard; and 2" tubular rail is optional and available by special order only.

### RAIL HEIGHTS (H) INCHES

1.5 | 2

### WIDTH (W) INCHES

6 | 9 | 12 | 18 | 24

### LENGTH (L) FEET

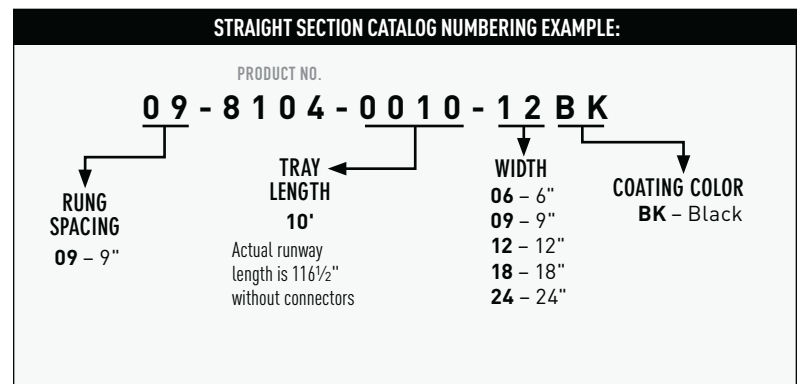
10

**SAFE LOAD:** Allowable uniformly distributed load based on simple beam type supports with a safety factor of 1.5. Safe load data is based on the performance of the cable runway side rails. An asterisk (\*) denotes rung limitation.

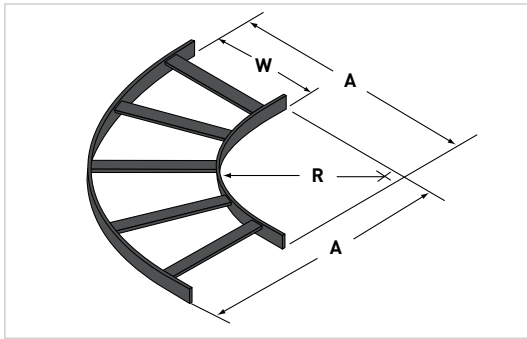
**DEFLECTION:** Side rail deflection measured at the midspan of the runway, based on simple beam type supports and uniformly distributed loads. When trays are erected in a continuous system, the midspan deflection decreases by as much as 40%.

**MATERIAL:** Rectangular Steel Tube per ASTM-A513.

**CONSTRUCTION:** Tubular rungs are attached to side rails by arc welding.

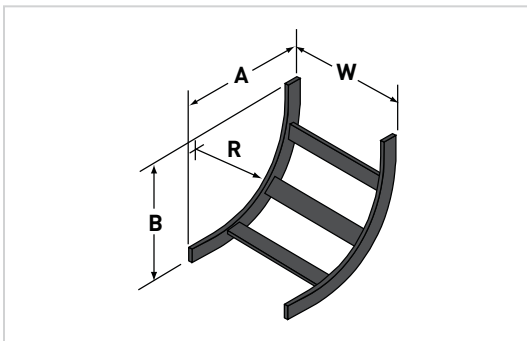


**90° HORIZONTAL ELBOW**



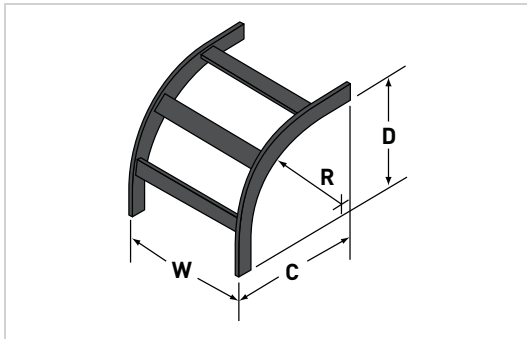
CATALOG NUMBER RADIUS	W	A
9012 12"	6	21
	9	24
	12	27
	18	33
	24	39

**90° VERTICAL INSIDE ELBOW**



CATALOG NUMBER RADIUS	W	SIDE RAIL HEIGHT			
		1½		2	
		A	B	A	B
9112 12"	6	16½	16½	17	17
	9	16½	16½	17	17
	12	16½	16½	17	17
	18	16½	16½	17	17
	24	16½	16½	17	17

**90° VERTICAL OUTSIDE ELBOW**

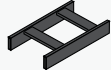


CATALOG NUMBER RADIUS	W	SIDE RAIL HEIGHT			
		1½		2	
		C	D	C	D
9212 12"	6	16½	15	17	15
	9	16½	15	17	15
	12	16½	15	17	15
	18	16½	15	17	15
	24	16½	15	17	15

CABLE RUNWAY FITTINGS

**HORIZONTAL ELBOW CATALOG NUMBERING EXAMPLE:**

SYSTEM NO.	PRODUCT NO.
<b>09-8104-9012-24BK</b>	
↓ <b>RUNG SPACING</b> 09 - 9"	↓ <b>WIDTH</b> 06 - 6" 09 - 9" 12 - 12" 18 - 18" 24 - 24"
	↓ <b>COATING COLOR</b>



Standard: Black(BK)

**WIDTHS (W) INCHES**

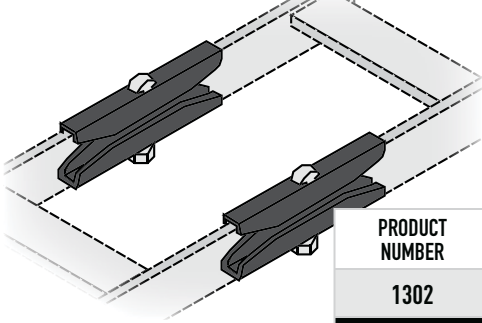
6 | 9 | 12 | 18 | 24

**RUNWAY PREFIX OPTIONS**

R	ALL SIZES
1R	1½" SIDERAIL (8104, 8106)
2R	2" SIDERAIL (8204, 8206)

### SPLICE

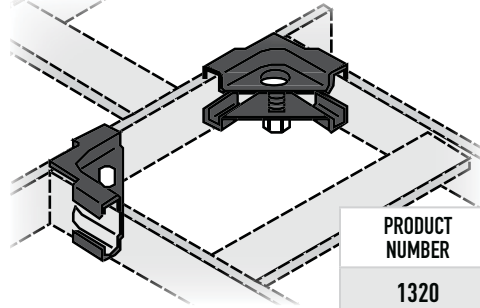
Connects runway sections. Sold in pairs.



PRODUCT NUMBER	FASTENERS INCLUDED
1302	ZN
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners Coating
1 R -	<b>1302</b> - ZN - BK

### 90° HORIZONTAL CONNECTOR

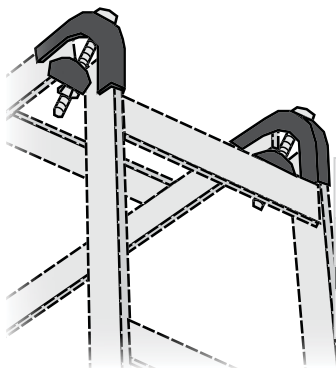
Joins runway sections at a 90° horizontal angle. Sold in pairs.



PRODUCT NUMBER	FASTENERS INCLUDED
1320	ZN
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners Coating
1 R -	<b>1320</b> - ZN - BK

### 90° VERTICAL CONNECTOR

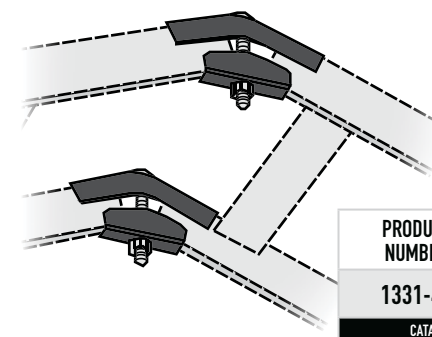
Joins runway sections at a 90° vertical angle. Sold in pairs.



PRODUCT NUMBER	FASTENERS INCLUDED
1331-90	ZN
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners Coating
1 R -	<b>1331-90</b> - ZN - BK

### 45° VERTICAL CONNECTOR

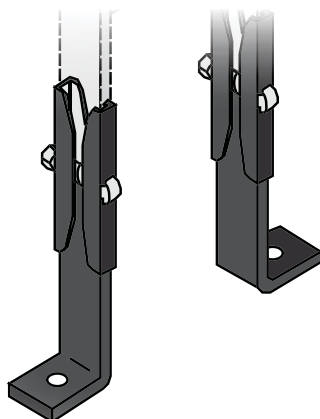
Joins runway sections at a 45° vertical angle. Sold in pairs.



PRODUCT NUMBER	FASTENERS INCLUDED
1331-45	ZN
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners Coating
1 R -	<b>1331-45</b> - ZN - BK

### FLOOR/WALL SUPPORT BRACKET KIT

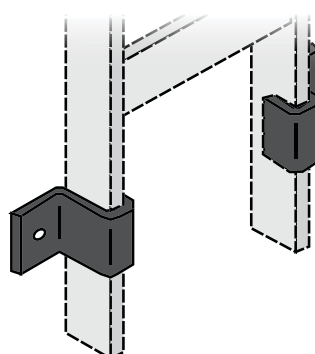
Connects runway to the floor or wall and acts as a support point. Includes the splice connector and foot support. Attachment hardware is not included. Sold in pairs.



PRODUCT NUMBER	FASTENERS INCLUDED
0339	ZN
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners Coating
1 R -	<b>0339</b> - ZN - BK

### VERTICAL WALL BRACKET

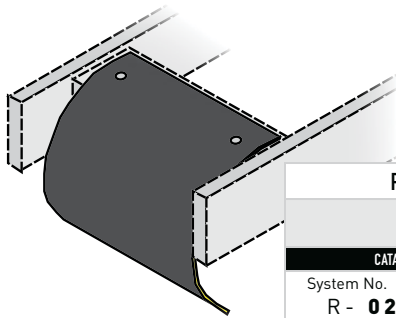
Secures runway to the wall or floor. Sized for 3/8" hardware (not included). Sold in pairs.



PRODUCT NUMBER
0426
CATALOG NUMBERING EXAMPLE:
System No. Coating
1 R - <b>0426</b> - BK

**CABLE DROPOUT**

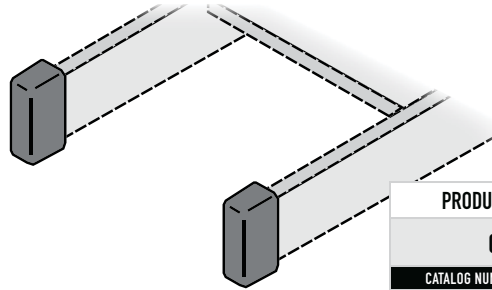
Provides a smooth surface for cables to drop out of runway with a 3" radius bend.



PRODUCT NUMBER	
<b>0254</b>	
CATALOG NUMBERING EXAMPLE:	
System No.	W Fasteners Coating
R - <b>0254</b> - 06 - ZN - BK	

**PROTECTIVE END CAP**

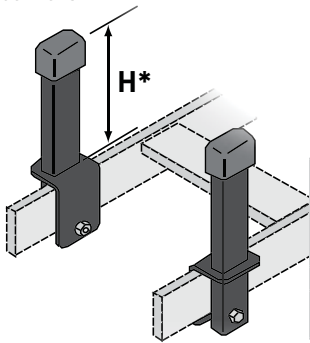
Protects the exposed ends of runway side rails. Plastic material. Sold in pairs.



PRODUCT NUMBER	
<b>0410</b>	
CATALOG NUMBERING EXAMPLE:	
System No.	W Fasteners Coating
1R - <b>0410</b>	

**CABLE RETAINING POSTS**

Posts add load depth to cable runway. Includes one post, one bracket, and one end cap. Posts are typically installed on 12" centers.



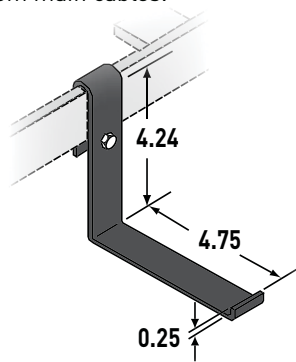
HEIGHTS (H) INCHES

4 | 6 | 8

PRODUCT NUMBER	FASTENERS INCLUDED
<b>A330</b>	ZN
CATALOG NUMBERING EXAMPLE:	
System No.	H Fasteners Coating
1R - <b>A330</b> - 08 - ZN - BK	

**L-BRACKET**

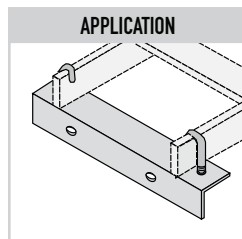
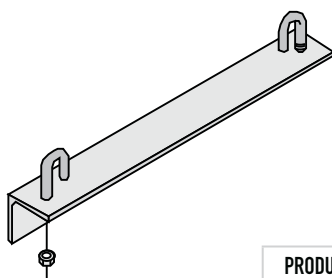
Bracket provides a separate facility for running power conductors or other cables that should be physically separated from main cables.



PRODUCT NUMBER	FASTENERS INCLUDED
<b>A834</b>	ZN
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners Coating
1R - <b>A834</b> - ZN - BK	

**WALL ANGLE SUPPORT KIT**

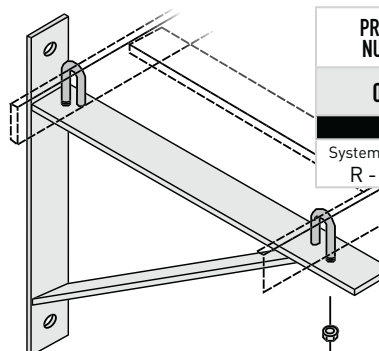
Supports cable runway against wall or upright vertical surface. Angle length and hole spacing is based on the specified width. Kit includes hardware for tray attachment, but wall attachment hardware is not included. Standard finish is black epoxy powder coat.



PRODUCT NUMBER	FASTENERS INCLUDED
<b>0403</b>	ZN
CATALOG NUMBERING EXAMPLE:	
System No.	W Fasteners Coating
R - <b>0403</b> - 06 - ZN - BK	

**WALL BRACKET**

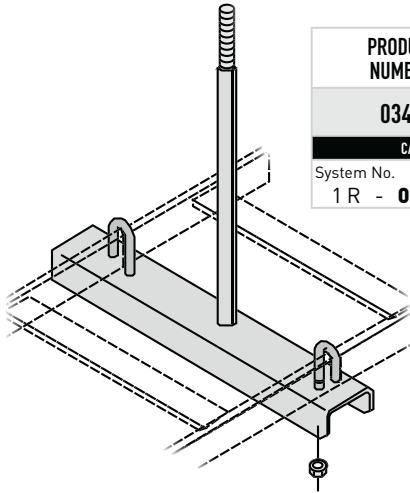
Supports cable runway against the wall or an upright vertical surface. Hardware for runway attachment is included. Standard finish is black epoxy powder coat.



PRODUCT NUMBER	FASTENERS INCLUDED
<b>0349</b>	ZN
CATALOG NUMBERING EXAMPLE:	
System No.	W Fasteners Coating
R - <b>0349</b> - 09 - ZN - BK	

### CENTER HUNG SUPPORT KIT

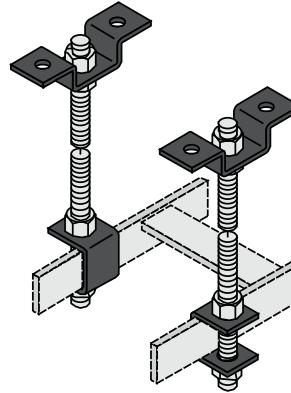
Supports cable runway from the ceiling using a single threaded rod. Kit includes one support bracket and hardware for tray attachment. Standard finish is black epoxy powder coat. Threaded rod is purchased separately.



PRODUCT NUMBER	FASTENERS INCLUDED
0345	ZN
CATALOG NUMBERING EXAMPLE:	
System No.	W Fasteners Coating
1 R - 0345 - 12 - ZN - BK	

### TRAPEZE SUPPORT KIT

Supports cable runway from the ceiling with threaded rods. Kit includes one ceiling support bracket, one runway side rail support bracket and hex nuts. Threaded rod is purchased separately.

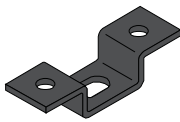


PRODUCT NUMBER	ROD SIZE	FASTENERS INCLUDED
0327	3/8	ZN
0328	1/2	ZN
0331	5/8	ZN
CATALOG NUMBERING EXAMPLE:		
System No.	Fasteners Coating	
1 R - 0327 - ZN - BK		

### RUNWAY SUPPORT BRACKETS

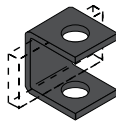
Used in conjunction with threaded rod to support cable runway from ceiling. Sold individually. Hardware is purchased separately.

#### CEILING SUPPORT BRACKET



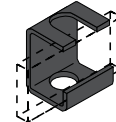
PRODUCT NUMBER	USE WITH FASTENERS
A823-01	3/8
A824-01	1/2 or 5/8
CATALOG NUMBERING EXAMPLE:	
System No.	Coating
R - A823-01 - BK	

#### SIDE RAIL SUPPORT BRACKET



PRODUCT NUMBER	USE WITH FASTENERS
A838-01	3/8
A839-01	1/2 or 5/8
CATALOG NUMBERING EXAMPLE:	
System No.	Coating
1 R - A839-01 - BK	

#### SLOTTED SUPPORT BRACKET



PRODUCT NUMBER	USE WITH FASTENERS
A842-01	3/8
A843-01	1/2
A844-01	5/8
CATALOG NUMBERING EXAMPLE:	
System No.	Coating
1 R - A842-01 - BK	

#### WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24

#### RUNWAY PREFIX OPTIONS

R	ALL SIZES
1R	1 1/2" SIDERAIL (8104, 8106)
2R	2" SIDERAIL (8204, 8206)



Standard: Black(BK)



## TROUGH TRAY

### TABLE OF CONTENTS

INTRODUCTION  
PAGES C.1-C.5

TRAY, SPLICING & FITTINGS  
PAGES C.6-C.13

SUPPORTS & ACCESSORIES  
PAGES C.14-C.23

INSTALLATIONS  
PAGES C.24-C.27

SPECIFICATIONS  
PAGES C.28-C.29

CROSS REFERENCE  
PAGES C.30-C.31



# TROUGH TRAY

## Quality Makes the Difference

Legrand continues to be an innovator in cable management solutions and is proud to introduce Cablofil Trough Tray, a cable management system designed to maximize network reliability and minimize lifecycle costs. Our **Fiber Trough** design utilizes high strength steel components to provide the strength and durability required to manage fiber optic or copper cabling in the most demanding data center environments. **V-Trough** provides protection for power cables, keeping them cool and accessible.

Cablofil trough trays are manufactured to exacting standards so that all components fit together perfectly and install with ease. The design includes rolled top edges to add strength and allows the covers to snap in place. It eliminates sharp top edges to keep installers and cables safe. Patented fast splices, bends and turns are available as stocked items. Jobsite fabrication is kept to a minimum and requires little training for most installers, moving on and off the project quickly.

Cablofil trough tray gives any installation a professional look with finishes and colors to match the environment. It is the ultimate protection for your cables.



# V-TROUGH VENTILATED TRAY

## Keep Your Cables **Out of Sight** and **Secure**

V-Trough cable tray keeps cabling cool, protected and easy to manage. Its high-strength steel construction matches many European OEM specifications and is available in smaller sizes for control and instrumentation cabling. The open tray design allows ready access to cables and additional cabling can be added with ease. Covers are available for complete security. V-Trough is manufactured to exacting standards so that all components fit together perfectly, making installation a snap.



**Ventilated Design** All V-Trough straight sections are ventilated to reduce cable bundle heating, and to keep mold and moisture from building up within the cable pathway.

**Safe and Strong** All steel construction provide the ultimate protection to cable bundles. All edges are rounded and eased in the fabrication process to keep cable insulation undamaged during installation.

**Access and Security** The V-Trough line includes solid covers for all straight and curved sections. Tool-less cover removal allows easy cable access for future cable additions and maintenance. They can also be bolted in place for security.

# FIBER TROUGH CABLE TRAY

## The **Steel** Alternative

Fiber Trough is designed to maximize network reliability and minimize lifecycle costs. It utilizes high strength steel components to provide the strength and durability required to manage fiber cabling in the most demanding data center environments. It provides the ultimate in protection and is manufactured to exacting standards so that all components fit perfectly and install with ease.

### STEEL vs. PLASTIC

**Steel Lasts** Most cable routing systems manufactured from molded plastic can sag, lose their shape, discolor and even degrade due to exposure to UV light and other environmental conditions. Steel retains its color and shape over time regardless of the application or environment.

**Steel tray requires fewer supports** Plastic is generally heavier and requires more supports on longer runs. Steel is lighter and more rigid reducing deflection. On longer runs Fiber Trough requires one-half as many supports, reducing installation time overall.

**Protection from EMI** EMI from transformers or high voltage cables can cause signal interference for copper data cables. Fiber Trough's steel construction can be properly earthed to eliminate EMI and reduce noise and attenuation.



# TROUGH TRAY

## The Simple **Difference**

**Fluid Design** The built-in radius of Cablofil Trough tray effectively eliminates any sharp angles and bends in the cable pathway that cause pinching and micro crack stresses in fiber optic cabling. Its one-piece design integrates the side rails and bottom for a cable pathway that eliminates cable snagging. The end result is a simple and elegant finished installation.

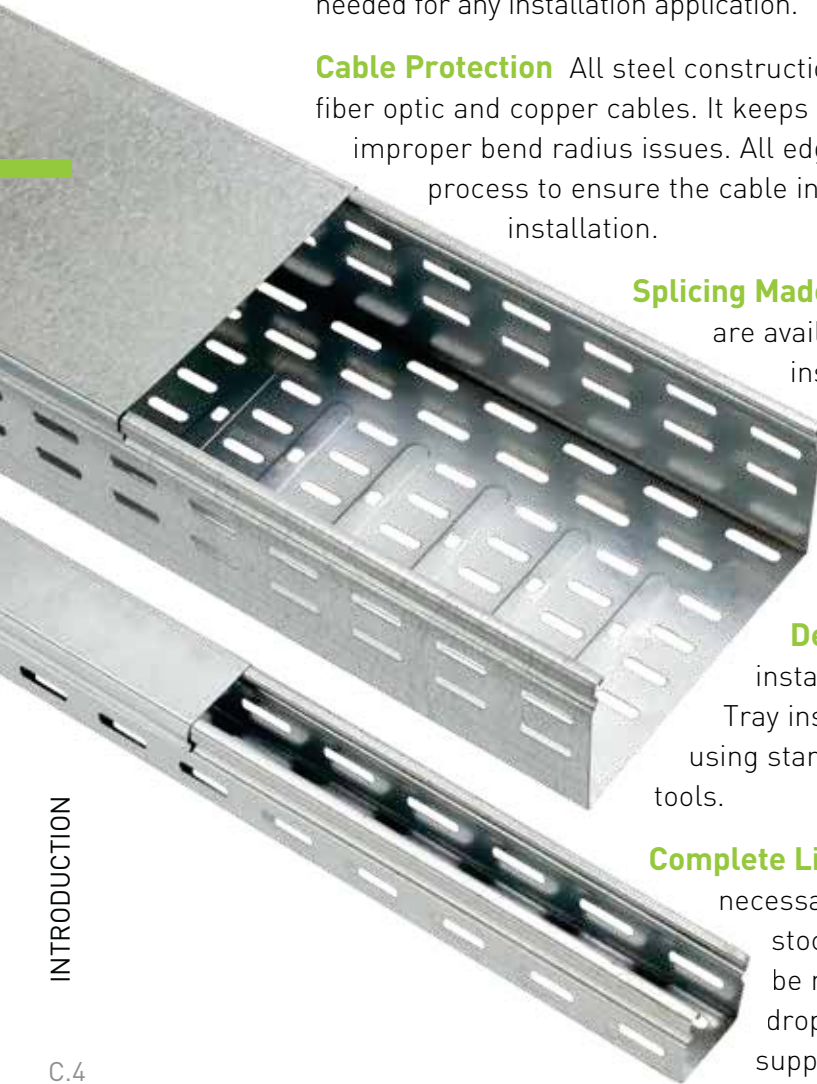
**Precision Fit** Trough tray's all steel construction allows it to be manufactured to precise standards so that tray sections easily fit together and covers slide in place with ease during the installation process. Cablofil trough tray includes all bends and turns needed for any installation application.

**Cable Protection** All steel construction provides the ultimate protection for fragile fiber optic and copper cables. It keeps cables safe from cuts, crushing problems and improper bend radius issues. All edges are rounded and eased in the fabrication process to ensure the cable insulation and installer is kept safe during installation.

**Splicing Made Simple** Patented fast splice accessories are available with pre-fitted screws to speed installation time. The bolts are held in place by the splice, just tighten the nuts to secure tray sections. Simplify your BOM by eliminating the need to plan/order/install fittings. All you need is number of tray, number of FTUS and you are done!

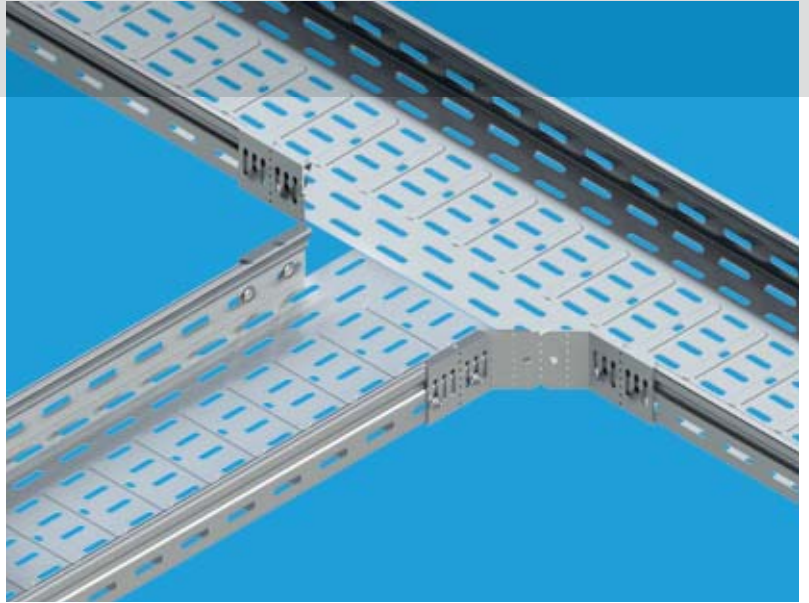
**Designed for Installation Ease** Easy installation means lower costs. Cablofil Trough Tray installs with few parts and it is easily installed using standard construction practices and common tools.

**Complete Line of Accessories** All bends and turns necessary for any installation are available as stocked items. No jobsite fabrication will be needed. Other accessories include cable drops, size reductions, cabinet connections and supports.



## Easy Splicing

Our new splice design is more adaptable than anything on the market – angles, bends, tees and reductions – this splice does it all. The FTUS eliminates the need to plan, order and install special fittings and simplifies your bill of materials. And field modifications are simple when installing Cablofil Trough Tray. It's available in two sizes to fit your tray depth.



## Finishes that Last

Cablofil trough tray is stocked in durable pre-galvanized and textured flat black powder coat finishes that resist corrosion over the lifetime of the installation. A white powder coat finish is optional (contact Cablofil for availability.)

### FINISHES

STANDARD	<b>PG</b>	Carbon Steel ASTM A510 Grade 1008	<b>Pre-Galvanized:</b> Continuous Galvanization Before Fabrication ASTM A 653
	<b>BL</b>	Carbon Steel ASTM A510 Grade 1008	<b>Black Painted:</b> Black Powder Coated ASTM D 3451

\*For additional colors contact manufacturer for availability



INTRODUCTION

# TRAY, SPLICING & FITTINGS



**C.8 FT**  
STRAIGHT SECTION TRAY

**C.9 VT**  
VENTILATED STRAIGHT SECTION TRAY

**C.8, 9 FTC**  
STRAIGHT TRAY COVERS

**C.10 FTUS**  
UNIVERSAL ADJUSTABLE SPLICE

**C.11 FTEF**  
FAS SPLICE

**C.11 FTT**  
HORIZONTAL TEE

**C.11 FTTC**  
HORIZONTAL TEE COVER

**C.12 FTFB90**  
HORIZONTAL 90° ELBOW

**C.12 FTCFB90**  
HORIZONTAL 90° ELBOW COVER

**C.12 FTFB45**  
HORIZONTAL 45° ELBOW

**C.12 FTCFB45**  
HORIZONTAL 45° ELBOW COVER

**C.13 FTVI90**  
VERTICAL 90° INSIDE ELBOW

**C.13 FTCVI90**  
VERTICAL 90° INSIDE ELBOW COVER

**C.13 FTV090**  
VERTICAL 90° OUTSIDE ELBOW

**C.13 FTCV090**  
VERTICAL 90° OUTSIDE ELBOW COVER

- Strong corrosion-resistant steel construction
- Ventilated tray reduces cable heating, mold and moisture buildup
- Rolled edge for cable protection
- 18-22 gage steel (t)
- Unique design allows covers to snap on
- Covers work with both solid and ventilated tray
- Universal splicing system reduces need for formed fittings.

Use these cable fill tables to determine the tray size(s) needed for your installation.

TRAY	DATA CABLE FILL TABLE				MC POWER CABLE FILL TABLE	
	MAX NUMBER OF CABLES PER CODE				MAX NUMBER OF CABLES PER CODE	
	Cat 5e 4-pr Plenum (.17")	Cat 5e 4-pr Non-Plenum (.19")	Cat 6e 4-pr Plenum (.22")	Cat 6a 4-pr Plenum (.35")	2C (12 AWG) THHN TypeMC AlumArmor	3C (12 AWG) THHN TypeMC AlumArmor
50/50 (2x2)	88	71	53	20	11	10
50/100 (2x4)	177	142	106	41	23	21
50/200 (2x8)	355	284	212	83	47	42
50/300 (2x12)	532	426	318	125	71	63
100/100 (4x4)	351	281	209	82	23	21
100/200 (4x8)	703	563	419	165	47	42
100/300 (4x12)	1055	844	629	248	71	63
100/500 (4x20)	1758	1407	1049	414	119	105
100/600 (4x24)	2110	1689	1259	497	143	126

CABLE CAPACITY (BASED ON 40% FILL*)										
TROUGH TRAY SERIES		50/50	50/100	50/200	50/300	100/100	100/200	100/300	100/500	100/600
TRAY SIZE (HxW-IN)		2x2	2x4	2x8	2x12	4x4	4x8	4x12	4x20	4x24
CABLE FILL AREA (IN <sup>2</sup> )		3.875	7.75	15.5	23.25	15.5	31	46.5	77.5	93
CABLE TYPE <sup>†</sup>	AREA	NUMBER OF CABLES								
Fiber - 0.063" (1.6mm)	0.003	497	994	1988	2983	1988	3977	5966	9944	11933
Fiber - 0.079" (2.0mm)	0.005	316	632	1264	1897	1264	2529	3794	6324	7589
Fiber - 0.118" (3.0mm)	0.011	141	283	566	850	566	1133	1700	2834	3401
Ribbon - 0.205" (5.2mm)	0.033	46	93	187	281	187	375	563	939	1127
Category 5E - 0.17" (4.32mm)	0.023	68	136	273	409	273	546	819	1365	1638
Category 6 - 0.24" (6.1mm)	0.045	34	68	137	205	137	274	411	685	822
Category 6A - 0.30" (7.6mm)	0.071	21	43	87	131	87	175	263	438	526

\*40% fill represents the maximum number of cables that can be practically installed (tray is piled to top of siderails with cable due to cable straightness and gaps between cables). Tray dimensions are nominal.

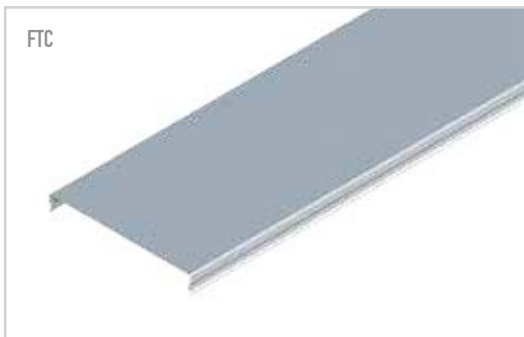
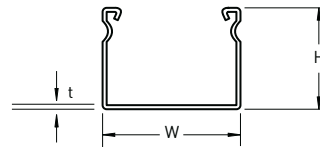
†Typical cable diameters - for exact results, use the installed cable diameter provided by manufacturer)

**FT**  
STRAIGHT SECTION TRAY



BASE	HEIGHT (H)		WIDTH (W)		LENGTH		PG	BL
	IN	MM	IN	MM	FT	M		
FT 50/50	2	50	2	50	10	3	S	M
FT 50/100	2	50	4	100	10	3	S	M
FT 50/200†	2	50	8	200	10	3	S	M
FT 50/300†	2	50	12	300	10	3	S	M
FT 100/100	4	100	4	100	10	3	S	M
FT 100/200	4	100	8	200	10	3	S	M
FT 100/300	4	100	12	300	10	3	S	M
FT 100/500†	4	100	20	500	10	3	S	M
FT 100/600†	4	100	24	600	10	3	S	M

\*For additional colors contact manufacturer for availability  
† Ribbed bottom for additional rigidity



COVER	WIDTH (W)		LENGTH		PG	BL
	IN	MM	FT	M		
FTC 50	2	50	10	3	S	M
FTC 100	4	100	10	3	S	M
FTC 200	8	200	10	3	S	M
FTC 300	12	300	10	3	S	M
FTC 500	20	500	10	3	S	M
FTC 600	24	600	10	3	S	M

\*For additional colors contact manufacturer for availability

- 18 gage steel
- All covers are solid. Ventilated covers are not available.
- Splicing sold separately.

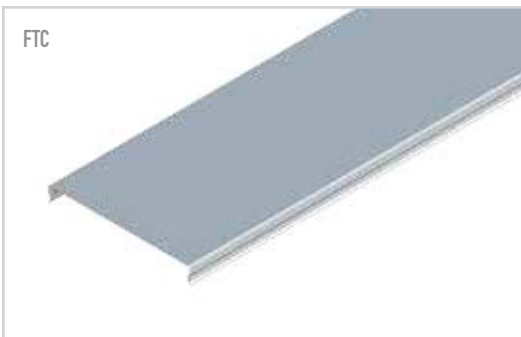
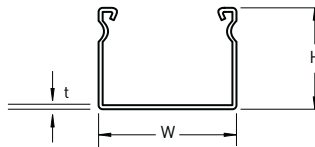


## VT VENTILATED STRAIGHT SECTION TRAY



BASE	HEIGHT (H)		WIDTH (W)		LENGTH		PG
	IN	MM	IN	MM	FT	M	STANDARD
VT 50/50	2	50	2	50	10	3	S
VT 50/100	2	50	4	100	10	3	S
VT 50/200†	2	50	8	200	10	3	S
VT 50/300†	2	50	12	300	10	3	S
VT 100/100	4	100	4	100	10	3	S
VT 100/200	4	100	8	200	10	3	S
VT 100/300	4	100	12	300	10	3	S
VT 100/500†	4	100	20	500	10	3	S
VT 100/600†	4	100	24	600	10	3	S

\*For additional colors contact manufacturer for availability  
 † Ribbed bottom for additional rigidity

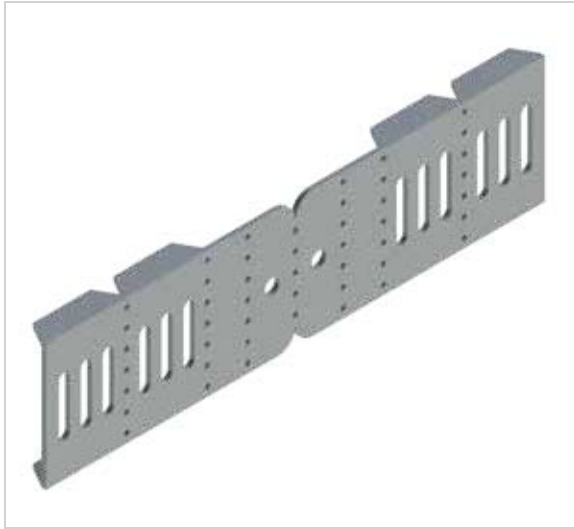


COVER	WIDTH (W)		LENGTH		PG	BL
	IN	MM	FT	M	STANDARD	
FTC 50	2	50	10	3	S	M
FTC 100	4	100	10	3	S	M
FTC 200	8	200	10	3	S	M
FTC 300	12	300	10	3	S	M
FTC 500	20	500	10	3	S	M
FTC 600	24	600	10	3	S	M

\*For additional colors contact manufacturer for availability

- 18 gage steel
- All covers are solid. Ventilated covers are not available.
- Splicing sold separately.

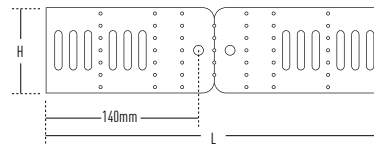
**FTUS**  
UNIVERSAL ADJUSTABLE SPLICE



- Eliminates the need for specialized fittings
- One splice performs many functions
- Fabricates tees, reductions and level changes on-site
- Field bend to create one-sided reduction/expansion of 2", 4", 6", or 8"
- Field snap apart to make vertical adjustment splice plate
- 1/4" hardware included for adjustable splice plate

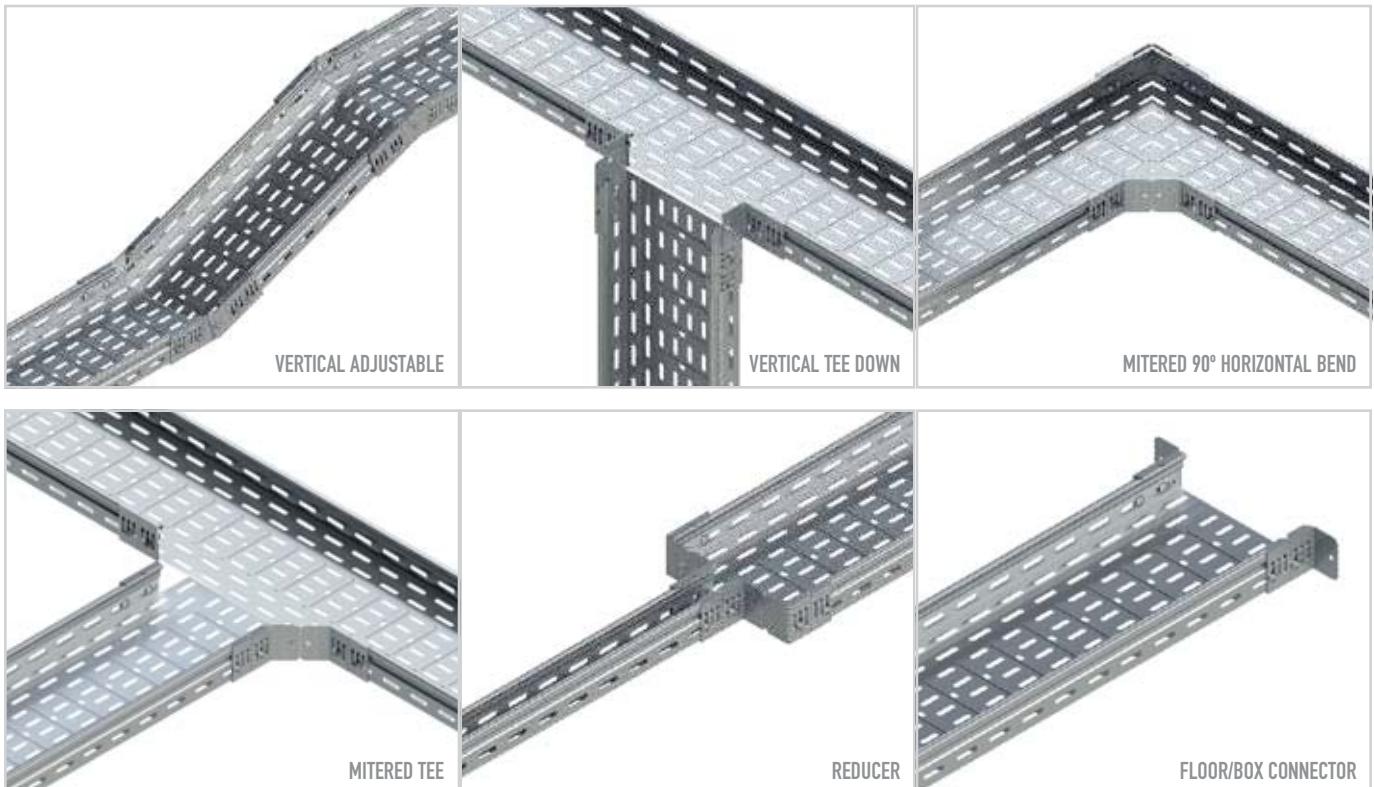


	PACK	HEIGHT (H)		LENGTH (L)		WEIGHT		PG	BL
		PCS	IN	MM	IN	MM	LBS		
FTUS 50	1	2.1	52	11.8	300	2	50	S	S
FTUS 100	1	4.1	104	11.8	300	4	100	S	S



\*For additional colors contact manufacturer for availability

**APPLICATIONS**



SPLICING

C.10

## FTEF FAS SPLICE

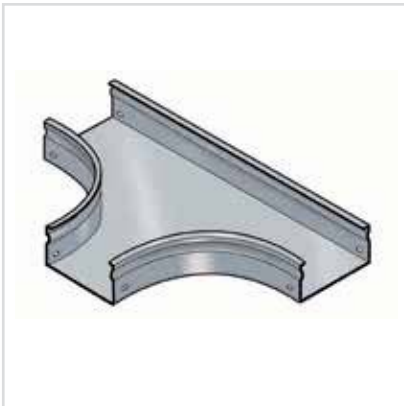


- Connects straight sections and fittings
- Captive hardware makes installation simple (included)
- Splice is UL listed for bonding and grounding

	PACK		HEIGHT		PG	BL
	PCS		IN	MM		
FTEF 50	1		2.0	50	S	S
FTEF 100	1		4.0	100	S	S

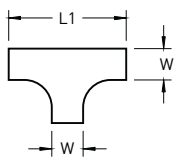
\*For additional colors contact manufacturer for availability

## FTT HORIZONTAL TEE



BASE	HEIGHT		WIDTH (W)		LENGTH (L1)		PG	BL
	IN	MM	IN	MM	IN	MM		
FTT 50/50	2	50	2	50	6	150	S	M
FTT 50/100	2	50	4	100	14	360	S	M
FTT 50/200	2	50	8	200	18	460	S	M
FTT 50/300	2	50	12	300	22	560	S	M
FTT 100/100	4	100	4	100	14	360	S	M
FTT 100/200	4	100	8	200	18	460	S	M
FTT 100/300	4	100	12	300	22	560	S	M
FTT 100/500	4	100	20	500	36	900	S	M
FTT 100/600	4	100	24	600	40	1000	S	M

\*For additional colors contact manufacturer for availability

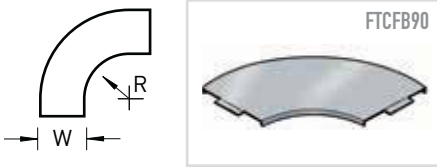


- All fittings and covers are solid.
- Cover sold separately.

COVER	WIDTH		PG	BL
	IN	MM		
FTTC 50	2	50	S	M
FTTC 100	4	100	S	M
FTTC 200	8	200	S	M
FTTC 300	12	300	S	M
FTTC 500	20	500	S	M
FTTC 600	24	600	S	M

\*For additional colors contact manufacturer for availability

**FTFB90**  
HORIZONTAL 90° ELBOW



- All fittings and covers are solid.
- Cover sold separately.

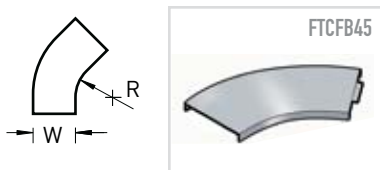
BASE	HEIGHT		WIDTH (W)		RADIUS (R)		PG	BL
	IN	MM	IN	MM	IN	MM		
FTFB90 50/50	2	50	2	50	4	100	S	M
FTFB90 50/100	2	50	4	100	4	100	S	M
FTFB90 50/200	2	50	8	200	4	100	S	M
FTFB90 50/300	2	50	12	300	4	100	S	M
FTFB90 100/100	4	100	4	100	9.6	244	S	M
FTFB90 100/200	4	100	8	200	9.6	244	S	M
FTFB90 100/300	4	100	12	300	9.6	244	S	M
FTFB90 100/500	4	100	20	500	9.6	244	S	M
FTFB90 100/600	4	100	24	600	9.6	244	S	M

\*For additional colors contact manufacturer for availability

COVER	WIDTH		PG	BL
	IN	MM		
FTCFB90 50	2	50	S	M
FTCFB90 100	4	100	S	M
FTCFB90 200	8	200	S	M
FTCFB90 300	12	300	S	M
FTCFB90 500	20	500	S	M
FTCFB90 600	24	600	S	M

\*For additional colors contact manufacturer for availability

**FTFB45**  
HORIZONTAL 45° ELBOW



- All fittings and covers are solid.
- Cover sold separately.

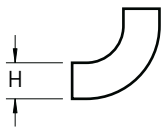
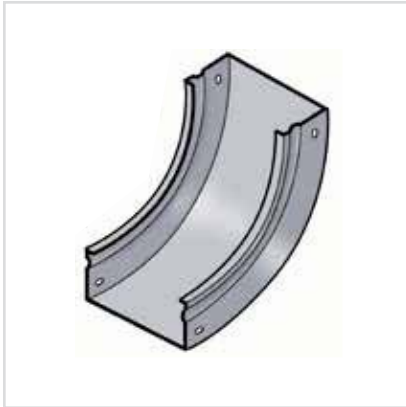
BASE	HEIGHT		WIDTH (W)		RADIUS		PG	BL
	IN	MM	IN	MM	IN	MM		
FTFB45 50/50	2	50	2	50	0.8	20	M	M
FTFB45 50/100	2	50	4	100	4	100	M	M
FTFB45 50/200	2	50	8	200	4	100	M	M
FTFB45 50/300	2	50	12	300	4	100	M	M
FTFB45 100/100	4	100	4	100	4	100	M	M
FTFB45 100/200	4	100	8	200	4	100	M	M
FTFB45 100/300	4	100	12	300	4	100	M	M
FTFB45 100/500	4	100	20	500	6	150	M	M
FTFB45 100/600	4	100	24	600	6	150	M	M

\*For additional colors contact manufacturer for availability

COVER	WIDTH		PG	BL
	IN	MM		
FTCFB45 50	2	50	M	M
FTCFB45 100	4	100	M	M
FTCFB45 200	8	200	M	M
FTCFB45 300	12	300	M	M
FTCFB45 500	20	500	M	M
FTCFB45 600	24	600	M	M

\*For additional colors contact manufacturer for availability

### FTVI90 VERTICAL 90° INSIDE ELBOW



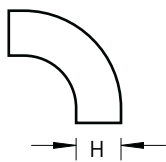
- All fittings and covers are solid.
- Cover sold separately.

BASE	HEIGHT (H)		WIDTH		PG	BL
	IN	MM	IN	MM		
FTVI90 50/50	2	50	2	50	S	M
FTVI90 50/100	2	50	4	100	S	M
FTVI90 50/200	2	50	8	200	S	M
FTVI90 50/300	2	50	12	300	S	M
FTVI90 100/100	4	100	4	100	S	M
FTVI90 100/200	4	100	8	200	S	M
FTVI90 100/300	4	100	12	300	S	M
FTVI90 100/500	4	100	20	500	S	M
FTVI90 100/600	4	100	24	600	S	M

COVER	FITS TRAY HEIGHT		WIDTH		PG	BL
	IN	MM	IN	MM		
FTCVI90 50/50	2	50	2	50	S	M
FTCVI90 50/100	2	50	4	100	S	M
FTCVI90 50/200	2	50	8	200	S	M
FTCVI90 50/300	2	50	12	300	S	M
FTCVI90 100/100	4	100	4	100	S	M
FTCVI90 100/200	4	100	8	200	S	M
FTCVI90 100/300	4	100	12	300	S	M
FTCVI90 100/500	4	100	20	500	S	M
FTCVI90 100/600	4	100	24	600	S	M

\*For additional colors contact manufacturer for availability

### FTV090 VERTICAL 90° OUTSIDE ELBOW



- All fittings and covers are solid.
- Cover sold separately.

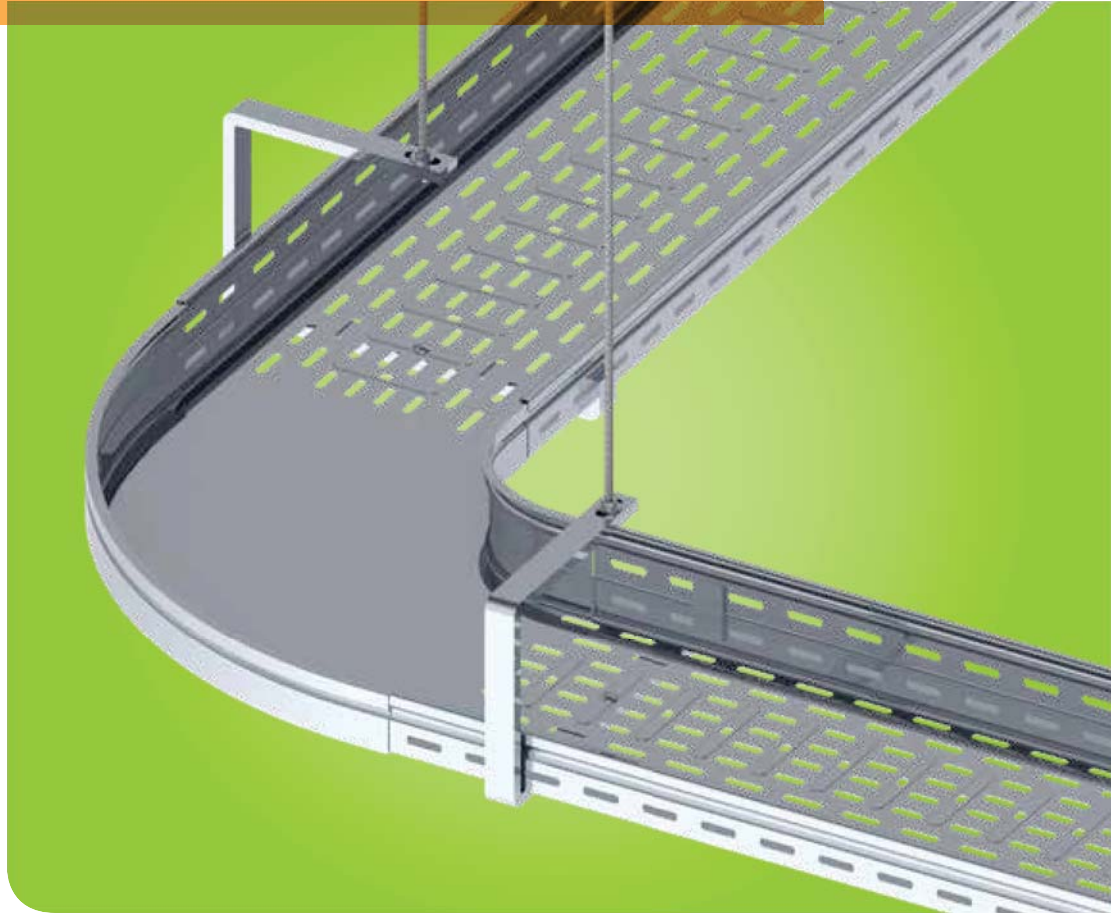
BASE	HEIGHT (H)		WIDTH		PG	BL
	IN	MM	IN	MM		
FTV090 50/50	2	50	2	50	S	M
FTV090 50/100	2	50	4	100	S	M
FTV090 50/200	2	50	8	200	S	M
FTV090 50/300	2	50	12	300	S	M
FTV090 100/100	4	100	4	100	S	M
FTV090 100/200	4	100	8	200	S	M
FTV090 100/300	4	100	12	300	S	M
FTV090 100/500	4	100	20	500	S	M
FTV090 100/600	4	100	24	600	S	M

COVER	FITS TRAY HEIGHT		WIDTH		PG	BL
	IN	MM	IN	MM		
FTCV090 50/50	2	50	2	50	S	M
FTCV090 50/100	2	50	4	100	S	M
FTCV090 50/200	2	50	8	200	S	M
FTCV090 50/300	2	50	12	300	S	M
FTCV090 100/100	4	100	4	100	S	M
FTCV090 100/200	4	100	8	200	S	M
FTCV090 100/300	4	100	12	300	S	M
FTCV090 100/500	4	100	20	500	S	M
FTCV090 100/600	4	100	24	600	S	M

\*For additional colors contact manufacturer for availability

# SUPPORTS & ACCESSORIES

- C.15 FTCH**  
CENTER HANGER
- C.15 FTCHC**  
CENTER HANGER
- C.16 FTAS**  
TRAPEZE HANGING CLIP
- C.16 FTRB**  
ROD BRACKET KIT
- C.16 FAS L**  
BRACKET
- C.17 FAS U**  
UNIVERSAL BRACKET
- C.17 EDF**  
RAIL
- C.18 PFREDF**  
CEILING MOUNTING BRACKET
- C.18 ERD 10**  
BRACE PLATE
- C.18 DF**  
FLOOR SUPPORT BRACKET
- C.19 FTCFCL**  
COVER FASTENING CLIP
- C.19 FTFCL**  
FASTENING CLIP
- C.19 FTHDCL**  
TRAY HOLD DOWN CLIP
- C.20 FTUMP**  
UNIVERSAL ACCESSORY MOUNTING PLATE
- C.20 FTCC**  
CABINET CONNECTION
- C.20 FTCF**  
CABINET CONNECTION FLANGE



- C.21 COT 54/105**  
DIVIDER STRIP
- C.21 COT J**  
DIVIDER COUPLER
- C.22 JP**  
EDGE PROTECTION STRIP
- C.22 FTBP**  
BOTTOM ALIGNMENT PLATE
- C.22 FTBE**  
BLIND END
- C.23 BTRCC6X12**
- C.23 CA**
- C.23 ECLI**
- C.23 EZ BN**
- C.23 EZ CN**
- C.23 EZ FW**
- C.23 EZ HN**
- C.23 THRD**
- C.23 THRDPT**

### FTCH CENTER HANGER



- Secure to tray by bending tabs outward
- Use with tray runs without covers
- Order to fit width of tray
- Designed for 3/8" threaded rod

	PACK		WIDTH		WEIGHT		MAX LOAD		PG
	PCS		IN	MM	LBS	KG	LBS	N	
FTCH 100	1		4.0	100	-	-	337	1500	S
FTCH 200	1		8.0	200	-	-	337	1500	S
FTCH 300	1		12.0	300	-	-	337	1500	S

### FTCHC CENTER HANGER

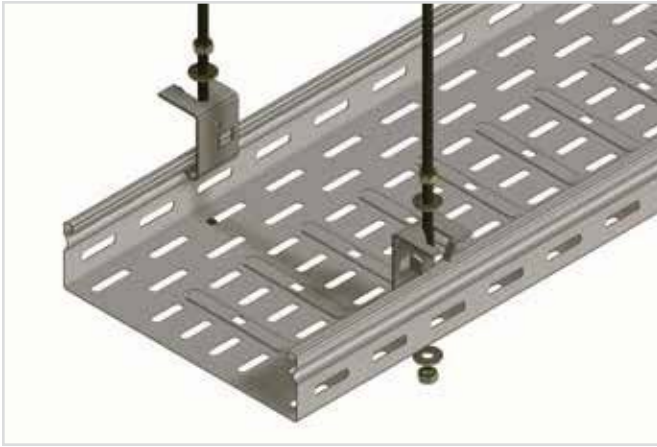


- Open side allows cables to be added to pathway easily
- Works with Fiber Trough or V-Trough Tray up to 16" wide
- Use with 3/8" threaded rod
- Steel construction is available in two finishes (EZ and GC)

	PACK	TRAY WIDTH		HEIGHT		WEIGHT		EZ	GC
		PCS	IN	MM	IN	MM	LBS		
FTCHC50	1	3	50	2.5	63.5	.623	.282	S	M
FTCHC100	1	4	100	3	76	.694	.314	S	M
FTCHC150	1	6	150	4	102	1.38	.629	S	M
FTCHC200	1	8	200	5	127	1.63	.739	S	M
FTCHC300	1	12	300	7	177	2.65	1.20	S	M
FTCHC400	1	16	400	9	230	4.77	2.16	S	M

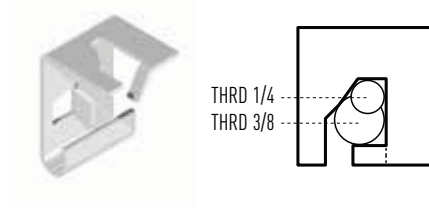
\*For additional colors contact manufacturer for availability

**FTAS**  
TRAPEZE HANGING CLIP



- Secure to tray by bending tabs
- Use with tray runs without covers
- Use for multi-level tray runs
- Use with 1/4" and 3/8" threaded rods

	PACK		WEIGHT		MAX LOAD		PG	BL
	PCS	LBS	KG	LBS	N			
FTAS	1	-	-	562	2500	S	M	



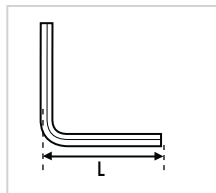
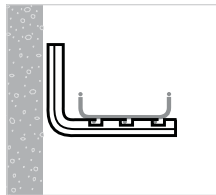
**FTRB**  
ROD BRACKET KIT



- Quickly and securely attaches to 3/8", 1/2" and 5/8" threaded rods
- Works with existing or new installations
- Allows quick attachment of bracket

	WIDTH		LENGTH		PG	BL
	IN	MM	IN	MM		
FTRB	2	50	4	100	S	M

**FAS L**  
BRACKET



- For installation of Cablofil tray onto walls.
- Order "width" to match tray.

	WIDTH		LENGTH (L)		WEIGHT		PG	FINISH / AVAILABILITY				
	IN	MM	IN	MM	LBS	KG		GC	316L	BL	PE	WH
FASL 100	4.0	100	7.0	178.5	0.9	0.4	S	M	M	M	M	M
FASL 150	6.0	150	9.0	228.5	1.0	0.5	S	M	M	M	M	
FASL 200	8.0	200	11.0	278.5	1.1	0.5	S	M	M	M	M	M
FASL 300	12.0	300	14.9	378.5	1.4	0.6	S	M	M	M	M	M
FASL 450	18.0	450	20.8	528.5	2.1	1.0	S	M	M	S	M	

S - NORMALLY STOCKED M - MADE TO ORDER

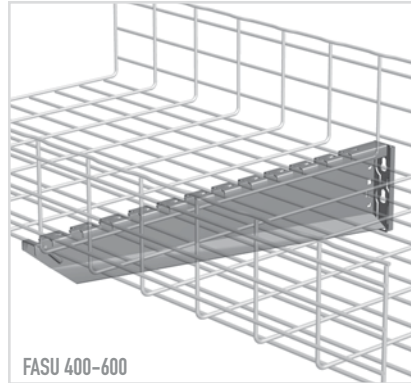




## FAS U UNIVERSAL BRACKET

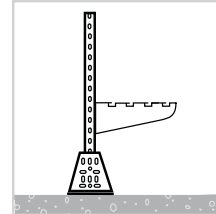


FASU 100-300



FASU 400-600

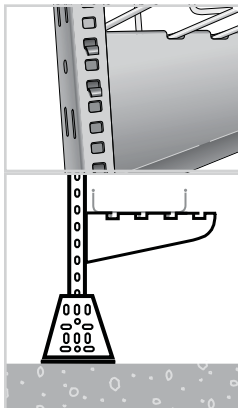
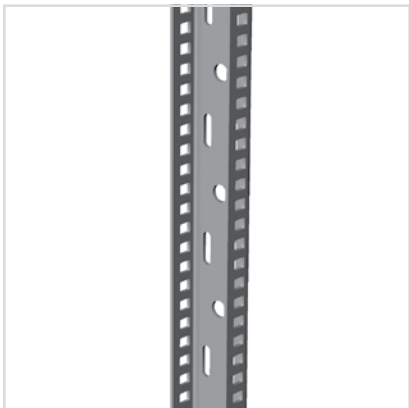
- Use for tray support on walls or under floor applications.
- FAS U snaps directly into EDF rail
- Key holes in back of bracket for simple wall mounting with 1/4" hardware



	HEIGHT		TRAY WIDTH		LENGTH		WEIGHT		PG	FINISH / AVAILABILITY				
	IN	MM	IN	MM	IN	MM	LBS	KG		GC	316L	BL	PE	WH
FASU 100	3.5	85	4.0	100	6.0	157	0.3	0.1	S	M	S	M	M	M
FASU 150	5.0	124	6.0	150	8.0	207	0.4	0.2	S	M	S	M	M	M
FASU 200	5.5	139	8.0	200	12.0	257	0.5	0.2	S	M	M	M	M	M
FASU 300	5.5	139	12.0	300	14.0	357	0.8	0.3	S	M	S	S	M	S
FASU 400	5.5	137.7	16.0	400	18.0	457	1.8	0.8	M	M	M	M	M	M
FASU 450	5.5	137.7	18.0	450	20.0	507	2.4	1.1	S	M	M	S	M	S
FASU 500	5.5	137.7	20.0	500	22.0	557	2.9	1.3	M	M	M	M	M	M
FASU 600	5.5	137.7	24.0	600	26.0	657	6.4	2.9	S	M	M	S	M	S

\*For additional colors contact manufacturer for availability

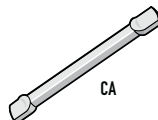
## EDF RAIL



- EDF Rail makes multiple floor mounted cable tray runs easier and faster to install
- CA Pin (sold separately) is required to install 4" to 12" FAS U. Suggested for 16" to 24" FAS U.
- FAS U sizes 16" to 24" will snap directly onto EDF Rail

	LENGTH		WEIGHT		PG	BL
	IN	MM	LBS	KG		
EDF 300	10.6	270	0.7	0.3	M	M
EDF 600	24.8	630	1.8	0.8	S	M
EDF 1000	39.0	990	2.6	1.2	S	M
EDF 2000	78.0	2000	5.5	2.5	M	M
EDF 3000	120.0	3000	9.1	4.1	M	M

\*For additional colors contact manufacturer for availability



CA

**PFREDF  
CEILING MOUNTING BRACKET**

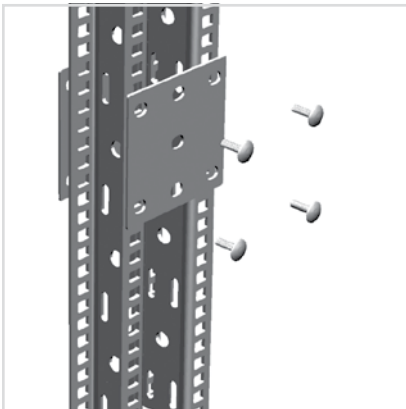


- Use PFREDF to attach EDF Rail directly to ceiling
- EDF Rail attaches to PFREDF without additional hardware

	WEIGHT		LENGTH		PG	BL
	LBS	KG	IN	MM		
PFREDF	1.3	0.6	1.3	0.6	M	M

\*For additional colors contact manufacturer for availability

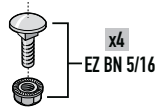
**ERD 10  
BRACE PLATE**



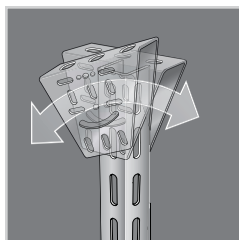
- Use ERD 10 to assemble double-sided ceiling hung tray runs.
- Attach EDF Rail to ERD 10 with EZ BN 5/16 (sold separately).

	LENGTH		WEIGHT		PG	BL
	LBS	KG	IN	MM		
ERD 10	0.4	0.5	0.4	0.5	M	M

\*For additional colors contact manufacturer for availability



**DF  
FLOOR SUPPORT BRACKET**



- Use DF to attach EDF Rail to any floor
- Attach EDF Rail to DF with EZBN 5/16 (sold separately)
- Also use DF to attach EDF to a ceiling or deck that is on an angle for a perfect pendant hanger

	LENGTH		WEIGHT		PG	BL
	LBS	KG	IN	MM		
DF	1.3	0.6	1.3	0.6	M	M

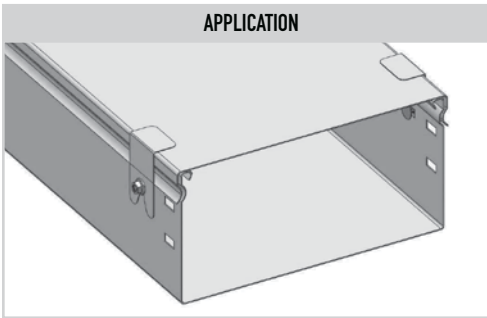
\*For additional colors contact manufacturer for availability

### FTCFCL COVER FASTENING CLIP



- Provides added cover security
- Utilizes existing splice hardware
- Strong stainless steel construction

	PACK	304L
	PCS	
FTCFCL	50	S



### FTFCL FASTENING CLIP



- Strong stainless steel construction
- Snaps on standard C bracket
- Use to secure tray without hardware
- Two required per support

**LEGRAND  
PATENTED**

	PACK	316L
	PCS	
FTFCL	1	S



### FTHDCL TRAY HOLD DOWN CLIP

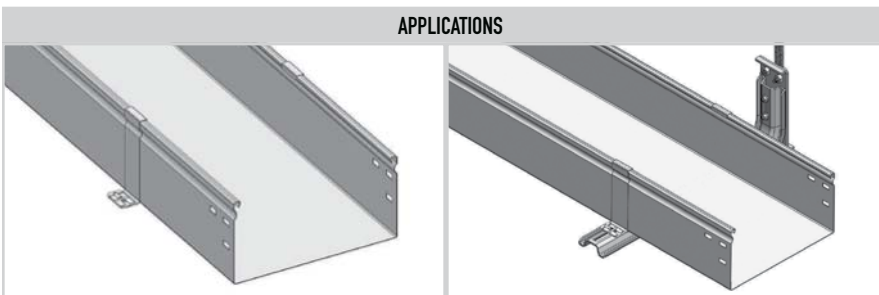
**LEGRAND  
PATENTED**



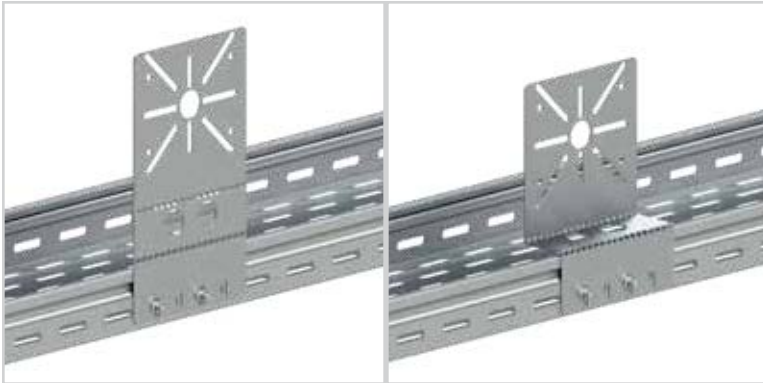
- Strong stainless steel construction
- Allows easy cover removal without removing tray hold down
- Two required per support
- Recommended for solid (non-perforated) trays. (FT series tray and all fittings)

	PACK	FOR HEIGHT		316L	BL
		PCS	IN	MM	
FTHDCL 50	1	2.0	50	S	S
FTHDCL 100	1	4.0	100	S	S

\*For additional colors contact manufacturer for availability



**FTUMP**  
UNIVERSAL ACCESSORY MOUNTING PLATE



- Attaches to tray side rail with two M6x10 bolts. (Not included)
- Use vertically or bend for horizontal applications
- Use on 2" or 4" deep tray
- Fits all standard steel box sizes

	PACK		HEIGHT		WEIGHT		PG
	PCS		IN	MM	LBS	KG	
<b>FTUMP</b>	<b>1</b>	-	-	-	-	-	M

\*Coming Soon

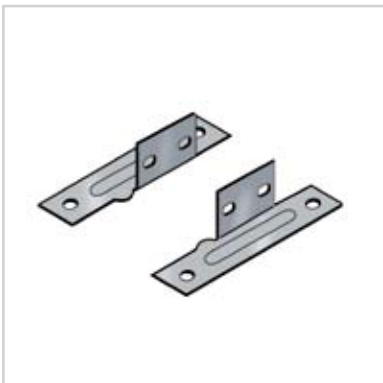
**FTCC**  
CABINET CONNECTION



- Quick, clean connection to data cabinet
- Unique steel/plastic combination fits tray widths from 2" to 12" (50-300mm)
- Allows up to 4" flexibility of tray length at termination point
- Flared design allows tray connection when opening is larger than tray width
- Pack contains all pieces for one connection pair

	PACK		HEIGHT		PG
	PCS		IN	MM	
<b>FTCC</b>	<b>1</b>	<b>2.0</b>	<b>50</b>	M	

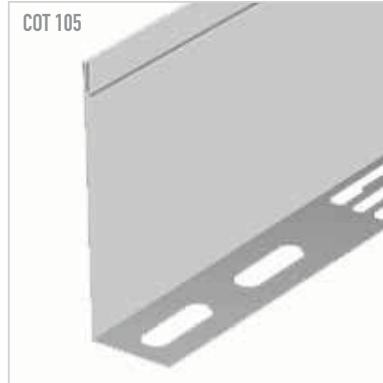
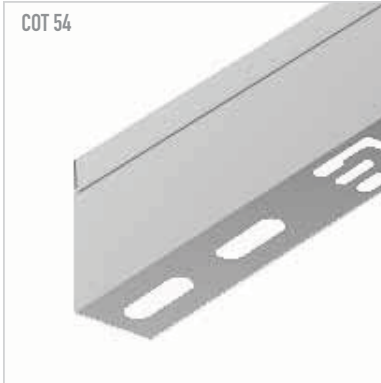
**FTCF**  
CABINET CONNECTION FLANGE



- Rigid steel construction
- Provides secure attachment at tray termination points
- Two connection brackets per package
- Hardware included

	PACK		HEIGHT		PG
	PCS		IN	MM	
<b>FTCF 50</b>	<b>1</b>	<b>2.0</b>	<b>50</b>	M	
<b>FTCF 100</b>	<b>1</b>	<b>4.0</b>	<b>100</b>	M	

## COT 54/105 DIVIDER STRIP



- For cable separation within a single tray.
- Attach to tray with EZBN 1/4.
- Hardware optional and sold separately for COT 54 (see pg. C.23); required and included with COT 105 (as part of kit).
- Field modify with tin snips for changes in levels
- Rolled top edge provides rigidity as well as protection for cables



	HEIGHT		LENGTH		WEIGHT		PG	BL
	IN	MM	FT	M	LBS	KG		
COT 54	2.0	54	10.0	3	2.8	1.3	S	S
COT 105 KIT	4.0	105	10.0	3	4.7	2.1	S	S

\*For additional colors contact manufacturer for availability

## COT J DIVIDER COUPLER



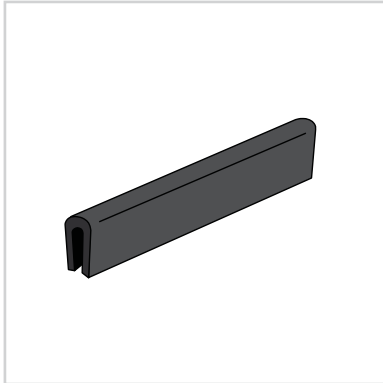
- Improves electrical continuity and strengthens dividers.
- Can be removed with a screwdriver and is reusable.

	PACK		WEIGHT		PG	316L	BL
	PCS	LBS	KG				
COT J	1	0.026	0.012		S	M	M

APPLICATION



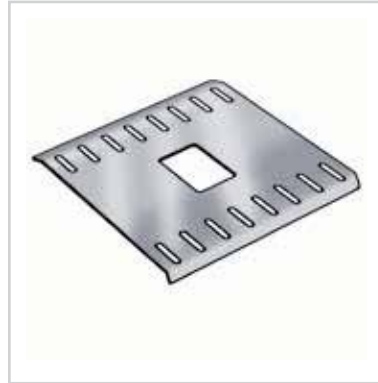
**JP**  
EDGE PROTECTION STRIP



- Slip on edge protection
- Black vinyl
- 15' roll cut to fit

	LENGTH		VINYL
	FT	M	
JP	15.0	1.5	S

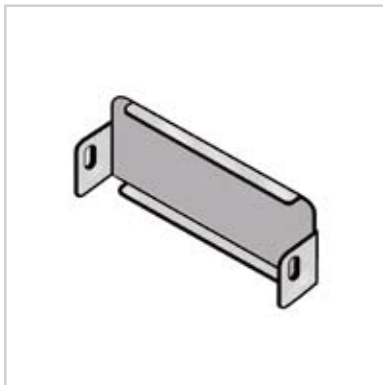
**FTBP**  
BOTTOM ALIGNMENT PLATE



- Helps maintain trough bottom alignment with heavy cable loads
- Includes hardware

	PACK	FITS TRAY WIDTHS		PG
	PCS	IN	MM	
FTBP 300	1	4.0-12.0	100-300	S
FTBP 600	1	20.0-24.0	500-600	M

**FTBE**  
BLIND END



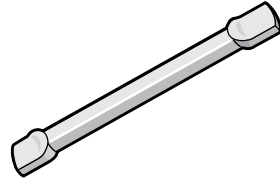
- Can be field punched for conduit attachment
- Rigid steel construction
- Includes hardware

	PACK	HEIGHT		WIDTH		PG
	PCS	IN	MM	IN	MM	
FTBE 50/50	1	2.0	50	2.0	50	S
FTBE 50/100	1	2.0	50	4.0	100	S
FTBE 50/200	1	2.0	50	8.0	200	S
FTBE 50/300	1	2.0	50	12.0	300	S
FTBE 100/100	1	4.0	100	4.0	100	S
FTBE 100/200	1	4.0	100	8.0	200	S
FTBE 100/300	1	4.0	100	12.0	300	S
FTBE 100/500	1	4.0	100	20.0	500	S
FTBE 100/600	1	4.0	100	24.0	600	S

**BTRCC6X12**



**CA**



**ECLI**



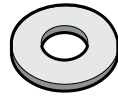
**EZ BN**



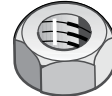
**EZ CN**



**EZ FW**



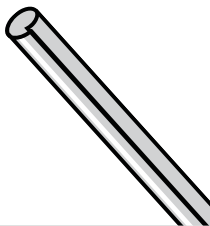
**EZ HN**



**THRD**



**THRDPT**



	PACK		WEIGHT		PG	EZ	BL
	PCS	LBS	KG				
BTRCC6X12	100	2.6	1.2	-	-	M	-
CA	50	2.2	1.0	M	M	M	M
ECLI	10	0.04	0.02	M	-	-	M
EZ BN 1/4	50	2.0	0.9	-	-	S	-
EZ BN 5/16	50	1.3	0.6	-	-	M	-
EZ CN 1/4	100	3.0	1.4	-	-	S	-
EZ CN 3/8	100	4.0	1.8	-	-	S	-
EZ CN 1/2	100	5.0	2.3	-	-	M	-
EZ FW 1/4	100	0.5	0.2	-	-	S	-
EZ FW 3/8	100	0.6	0.3	-	-	S	-
EZ FW 1/2	100	0.5	0.2	-	-	S	-
EZ HN 1/4	100	0.6	0.3	-	-	S	-
EZ HN 3/8	100	0.7	0.3	-	-	S	-
EZ HN 1/2	100	2.0	0.9	-	-	S	-

	PACK	LENGTH		WEIGHT		PITCH	EZ	PL
		FT	M	LBS	KG			
THRDPT	10	6.0	0.15	0.16	0.07	-	-	S
THRD 1/4*	1	6.0	1.8	0.7	0.3	20	S	-
THRD 3/8*	1	6.0	1.8	1.8	0.8	16	S	-
THRD 1/2*	1	6.0	1.8	3.1	1.4	12	S	-

\*For additional colors contact manufacturer for availability

\*Thread Pitch: 1/4" - 20; 3/8" - 16; 1/2" - 13

# INSTALLATION GUIDELINES



View  
Installation Video





## CUTTING STRAIGHT SECTIONS

Trough tray can be cut to length with a reciprocating saw fitted with a fine metal cutting blade. Mark three sides of the tray using a square and make allowances to keep mounting hole slots in position for splicing to other straight sections or fittings. Use a flat file to remove all rough edges. Cover sections can be modified in the same way.



## CUTTING STRAIGHT SECTIONS FOR ELEVATION CHANGES

Cut only the sides of the tray for changes in cable pathway elevations. Make a 90 degree cut in both sides of the tray for a downward bend. For an upward bend, make a double cut to form a notch. The notch should be sized to fit the tray angle needed. Then, using a straight edge, form the tray to the proper angles.



## SPLICING STRAIGHT SECTIONS AND FITTINGS

To splice straight sections of trough tray use the FTEF. The FTEF has attachment hardware included and should be used when splicing straight sections or fittings.



## SPLICING TEES, REDUCTIONS AND LEVEL CHANGES

The FTUS is a versatile splice that can be used to construct tees, reductions and elevation changes, thus reducing the need for formed fittings. Use with EZ BN 1/4 bolt/nut or BTRCC6x12.



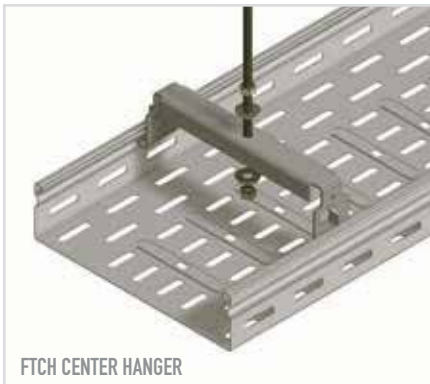
## ATTACHING TO WALL OR FLOOR SUPPORTS

Securing ventilated tray to supports is easy. For attachment to the FAS U or CS series support, use the FTFCL. It simply snaps in place. For securing solid tray use the FTHDCL Tray Hold Down Clip. Both allow a cover to be used.



## TRAPEZE SUPPORTS

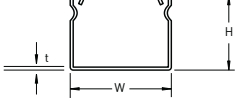
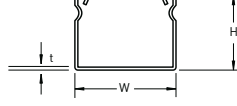
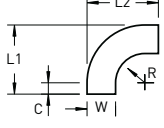
For trapeze mounting, three options are available: The FTCH and FTCHC Center Hangers both require only a single threaded rod. The FTAS Trapeze Hanging Clip requires two 3/8" threaded rods, but allows cables to be side loaded. Folding tabs secure tray to supports. Covers can be used with FTCHC but not FTCH or FTAS.



## COVER ATTACHMENT OPTIONS

Complete the security of your cables with covers. These cover sections can be cut to fit with a reciprocating saw and simply snap on. For additional security, use the FTCFCL Cover Fastening Clip. This clip can be used in conjunction with splicing hardware to keep covers secure.



DESCRIPTION >	STRAIGHT SOLID SECTION	STRAIGHT VENTILATED SECTION	FITTINGS
ITEM >	FT	VT	FTFB90
			

TRAY HEIGHT (H) = 2.0 in / 50mm

TRAY WIDTH (W)	IN	2.0	3.9	7.9	11.8	2.0	3.9	7.9	11.8	2.0	3.9	7.9	11.8
	MM	50	100	200	300	50	100	200	300	50	100	200	300
RADIUS (R)	IN	-	-	-	-	-	-	-	-	0.8	3.9	3.9	3.9
	MM	-	-	-	-	-	-	-	-	20	100	100	100
LENGTH 1 (L1)	IN	-	-	-	-	-	-	-	-	-	9.1	13.0	16.9
	MM	-	-	-	-	-	-	-	-	-	230	330	430
LENGTH 2 (L2)	IN	-	-	-	-	-	-	-	-	3.9	9.1	13.0	16.9
	MM	-	-	-	-	-	-	-	-	100	230	330	430
TANGENT (C)	IN	-	-	-	-	-	-	-	-	1.2	1.2	1.2	1.2
	MM	-	-	-	-	-	-	-	-	30	30	30	30
WEIGHT	LBS	4.9	6.9	11.7	19.6	4.9	6.9	11.7	19.6	0.6	1.6	3.7	6.5
	KG	2.43	3.14	5.30	8.90	2.43	3.14	5.30	8.90	0.26	0.74	1.67	2.94

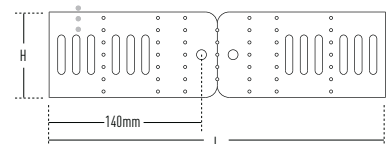
TRAY HEIGHT (H) = 3.9 in / 100mm

TRAY WIDTH (W)	IN	3.9	7.8	11.8	19.7	23.6	3.9	7.8	11.8	19.7	23.6	3.9	7.8	11.8	19.7	23.6
	MM	100	200	300	500	600	100	200	300	500	600	100	200	300	500	600
RADIUS (R)	IN	-	-	-	-	-	-	-	-	-	-	3.9	3.9	3.9	5.9	5.9
	MM	-	-	-	-	-	-	-	-	-	-	100	100	100	150	150
LENGTH 1 (L1)	IN	-	-	-	-	-	-	-	-	-	-	9.1	13.0	16.9	27.6	31.5
	MM	-	-	-	-	-	-	-	-	-	-	230	330	430	700	800
LENGTH 2 (L2)	IN	-	-	-	-	-	-	-	-	-	-	9.1	13.0	16.9	27.6	31.5
	MM	-	-	-	-	-	-	-	-	-	-	230	330	430	700	800
TANGENT (C)	IN	-	-	-	-	-	-	-	-	-	-	1.2	1.2	1.2	2.0	2.0
	MM	-	-	-	-	-	-	-	-	-	-	30	30	30	50	50
WEIGHT	LBS	11.7	19.7	29.8	43.1	45.1	11.7	19.7	29.8	43.1	45.1	2.1	4.5	7.3	17.9	22.5
	KG	5.31	8.94	13.52	19.55	20.46	5.31	8.94	13.52	19.55	20.46	0.97	2.03	3.29	8.14	10.20

SPECIFICATIONS

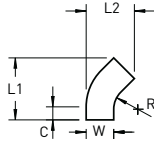
UNIVERSAL ADJUSTABLE SPLICE  
FTUS

See page C.10

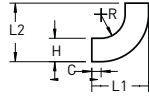


FITTINGS

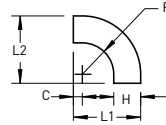
FTFB45



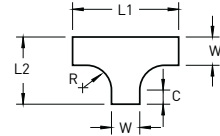
FTVI90



FTV090



FTT



TRAY HEIGHT (H) = 2.0 in / 50mm

	2.0	3.9	7.9	11.8	2.0	3.9	7.9	11.8	2.0	3.9	7.9	11.8	2.0	3.9	7.9	11.8
	50	100	200	300	50	100	200	300	50	100	200	300	50	100	200	300
	0.8	3.9	3.9	3.9	0.8	3.9	3.9	3.9	0.8	5.0	5.0	5.0	0.8	3.9	3.9	3.9
	20	100	100	100	20	100	100	100	20	127	127	127	20	100	100	100
	4.7	7.6	10.4	13.1	3.9	7.1	7.1	7.1	3.9	8.3	8.3	8.3	5.9	14.2	18.1	22.0
	120	194	264	334	100	180	180	180	100	210	210	210	150	360	460	560
	3.4	5.9	9.9	9.9	3.9	7.1	7.1	7.1	3.9	8.3	8.3	8.3	3.9	9.1	13.0	16.9
	85	151	251	251	100	180	180	180	100	210	210	210	100	230	330	430
	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	0.4	0.6	1.1	1.8	0.5	1.1	1.6	2.1	0.4	1.1	1.6	2.0	0.6	1.7	3.0	4.7
	0.19	0.29	0.51	0.81	0.21	0.49	0.72	0.95	0.17	0.51	0.71	0.91	0.26	0.79	1.37	2.11

TRAY HEIGHT (H) = 3.9 in / 100mm

	3.9	7.8	11.8	19.7	23.6	3.9	7.8	11.8	19.7	23.6	3.9	7.8	11.8	19.7	23.6	3.9	7.8	11.8	19.7	23.6
	100	200	300	500	600	100	200	300	500	600	100	200	300	500	600	100	200	300	500	600
	3.9	3.9	3.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	3.9	3.9	3.9	5.9	5.9
	100	100	100	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	150	150
	7.6	10.4	13.1	21.5	24.3	11.8	11.8	11.8	11.8	11.8	11.9	11.9	11.9	11.9	11.9	14.2	18.1	22.0	35.4	39.4
	193	263	334	545	616	300	300	300	300	300	301	301	301	301	301	360	460	560	900	1000
	5.9	9.9	13.8	22.8	26.7	11.8	11.8	11.8	11.8	11.8	11.9	11.9	11.9	11.9	11.9	9.1	13.0	16.9	27.6	31.5
	151	251	351	579	679	300	300	300	300	300	301	301	301	301	301	230	330	430	700	800
	1.2	1.2	1.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.2	1.2	1.2	2.0	2.0
	30	30	30	50	50	50	50	50	50	50	50	50	50	50	50	30	30	30	50	50
	1.3	2.4	3.5	8.7	9.7	3.2	4.5	5.8	8.4	9.5	3.3	4.5	5.8	8.4	10.1	3.7	6.2	9.8	20.8	26.0
	0.61	1.08	1.66	3.95	4.40	1.47	2.06	2.62	3.83	4.30	1.50	2.06	2.64	3.80	4.60	1.69	2.83	4.43	9.44	11.80

DESCRIPTION >	STRAIGHT SECTION	STRAIGHT VENTILATED SECTION	FITTINGS
ITEM >	FT	VT	FTFB90
			
TRAY DIMENSIONS (HxW)	C.8	C.8	C.12
2" x 2" 50 x 50 mm	FT 50/50	VT 50/50	FTFB90 50/50
2" x 4" 50 x 100 mm	FT 50/100	VT 50/100	FTFB90 50/100
2" x 8" 50 x 200 mm	FT 50/200	VT 50/200	FTFB90 50/200
2" x 12" 50 x 300 mm	FT 50/300	VT 50/300	FTFB90 50/300
4" x 4" 100 x 100 mm	FT 100/100	VT 100/100	FTFB90 100/100
4" x 8" 100 x 200 mm	FT 100/200	VT 100/200	FTFB90 100/200
4" x 12" 100 x 300 mm	FT 100/300	VT 100/300	FTFB90 100/300
4" x 20" 100 x 500 mm	FT 100/500	VT 100/500	FTFB90 100/500
4" x 24" 100 x 600 mm	FT 100/600	VT 100/600	FTFB90 100/600
CORRESPONDING COVER	FTC	FTC	FTCFB90

FITTINGS				
	FTFB45	FTVI90	FTVO90	FTT
				
	<b>C.12</b>	<b>C.13</b>	<b>C.13</b>	<b>C.14</b>
	FTFB45 50/50	FTVI90 50/50	FTVO90 50/50	FTT 50/50
	FTFB45 50/100	FTVI90 50/100	FTVO90 50/100	FTT 50/100
	FTFB45 50/200	FTVI90 50/200	FTVO90 50/200	FTT 50/200
	FTFB45 50/300	FTVI90 50/300	FTVO90 50/300	FTT 50/300
	FTFB45 100/100	FTVI90 100/100	FTVO90 100/100	FTT 100/100
	FTFB45 100/200	FTVI90 100/200	FTVO90 100/200	FTT 100/200
	FTFB45 100/300	FTVI90 100/300	FTVO90 100/300	FTT 100/300
	FTFB45 100/500	FTVI90 100/500	FTVO90 100/500	FTT 100/500
	FTFB45 100/600	FTVI90 100/600	FTVO90 100/600	FTT 100/600
	<b>FTCFB45</b>	<b>FTCVI90</b>	<b>FTCV090</b>	<b>FTTC</b>

## **FASTENERS** TABLE OF CONTENTS

### INTRODUCTION

PAGES D.1

### J-HOOKS

PAGES D.2-D.7

### CLAMPS

PAGES D.8-D.21

### BOX BRACKETS

PAGES D.22-D.30

### OTHER FASTENERS

PAGES D.31

### CABLOPORT

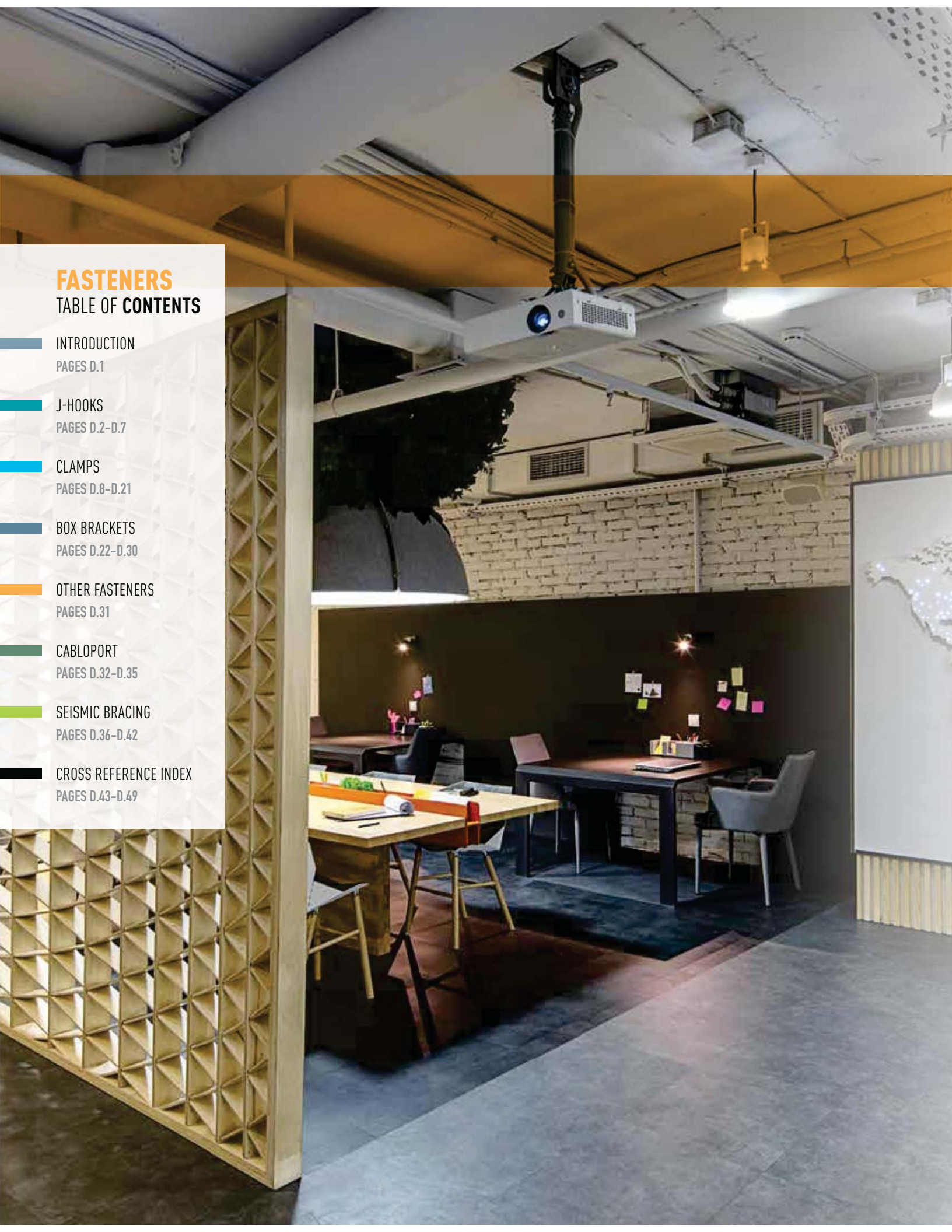
PAGES D.32-D.35

### SEISMIC BRACING

PAGES D.36-D.42

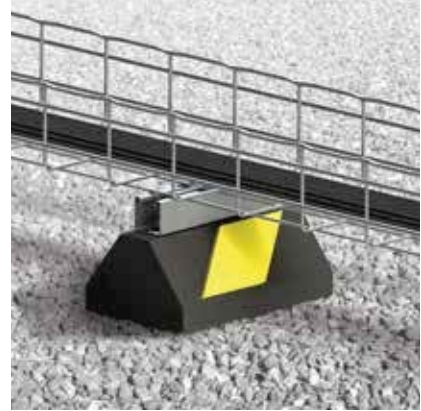
### CROSS REFERENCE INDEX

PAGES D.43-D.49





# FASTENERS



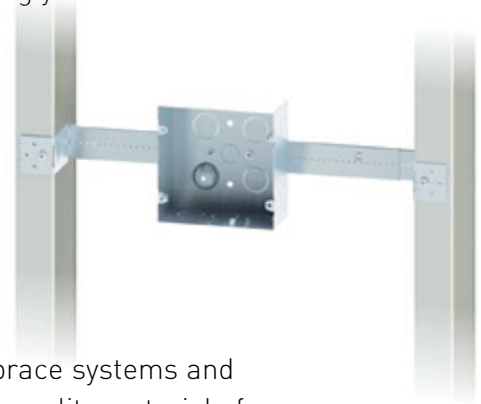
## Fasteners and prefab components for everyday applications.

Our electrical fasteners and components are designed to get you on and off of the job-site in record time. J-Hooks, spring steel clamps, prefab components, seismic bracing, and CabloPort rooftop supports are just a few examples of products that reduce labor, increasing your bottom line.

Our fasteners and components are perfect for branch wiring in these project types:

- **Hotels**
- **Office Complexes**
- **Condominiums**
- **Hospitals**
- **Government Buildings**

Also included in this catalog is a full line of seismic brace systems and attachment hardware. Each product is designed with quality materials for optimum performance in any installation.



# J-HOOKS

Cable management that's  
**fast** and **secure**

J-Hooks provide an easy-to-install, non-continuous cable support for all types of telecommunication, data and power cabling. They also are perfect for low voltage building management and fire protection cabling.

Our CJ Series is engineered to provide stress-free cable support for multiple cables and features a structural design for optimal strength and tapered edges to reduce cable sheath damage. Multiple pre-drilled holes reduce on-site modification at installation. J-Hooks can be attached to a variety of structures and are available with multiple attachment options that allow quick and easy cable installation virtually anywhere.



## PART NUMBERING EXAMPLE

**CJ12 HOK24**

J-HOOK

ATTACHMENT

**J-HOOKS FEATURES:**

- From ¾" to 4" sizes available with multiple attachment options
- Ready to use out of the box, reducing installation time and labor costs
- Requires no special attachment hardware or tools for assembly
- Provides superior fill capacity and load rating
- Tree configurations provide multiple J-Hooks with one structural attachment
- Meets ISO®/IEC 14763-2, TIA 568-C and TIA 569-C
- Complies with EN 50174-2
- Available in Red or Blue (other colors are also available)
- Marking mylar tabs available for post installation needs. (Contact manufacturer for availability)
- cULus® Listed
- Available painted and with post-installed labels

**CJ12** D.4  
¾" J-HOOK**CJ21** D.4  
1-5/16" J-HOOK**CJ32** D.4  
2" J-HOOK**CJ64** D.4  
4" J-HOOK**CJ16HP** D.6  
1" J-HOOK**CJ32HP** D.6  
2" J-HOOK**CJ48HP** D.6  
3" J-HOOK**CJ4T125** D.6  
1-1/4" BRIDLE RING**CJ4T2** D.6  
2" BRIDLE RING**CJ TREE** D.7  
J-HOOK TREE**CJHP TREE** D.7  
PLASTIC COATED J-HOOK TREE

**CJ12**  
3/4" J-HOOK



	WEIGHT		EZ
	PCS	LBS	
CJ12	50	2.5	F000001
CJ12W	50	3.5	F000002
CJ12AC	50	4	F000003
CJ12HOK24	50	5	F000004
CJ12HOK58	50	5	F000005
CJ12PBC	50	8.5	F000006
CJ12ACPBC	50	10	F000007
CJ12SSBC	50	5.5	F000008
CJ12ACSSB	50	7	F000009
CJ12ACHOK24	50	6.5	F000010

**CJ21**  
1 5/16" J-HOOK



	WEIGHT		EZ
	PCS	LBS	
CJ21	50	6.5	F000011
CJ21W	50	7.5	F000012
CJ21AC	50	8.5	F000013
CJ21HOK24	50	9	F000014
CJ21HOK58	50	9	F000015
CJ21PBC	50	12.5	F000016
CJ21ACPBC	50	14	F000017
CJ21SSBC	50	9.5	F000018
CJ21ACSSB	50	11.5	F000019
CJ21ACHOK24	50	11.5	F000020

**CJ32**  
2" J-HOOK



	WEIGHT		EZ
	PCS	LBS	
CJ32	50	7.5	F000021
CJ32W	50	8.5	F000022
CJ32AC	50	9.5	F000023
CJ32HOK24	50	10	F000024
CJ32HOK58	50	13.5	F000025
CJ32PBC	50	15	F000026
CJ32ACPBC	50	10	F000027
CJ32SSBC	50	10.5	F000028
CJ32ACSSB	50	12.5	F000029
CJ32ACHOK24	50	12.5	F000030

**CJ64**  
4" J-HOOK



	WEIGHT		EZ
	PCS	LBS	
CJ64	25	7.5	F000031
CJ64W	25	8.5	F000032
CJ64HOK24	25	9.5	F000033
CJ64HOK58	25	10	F000034
CJ64PBC	25	13.5	F000035
CJ64ACPBC	25	15	F000036
CJ64SSBC	25	10.5	F000037
CJ64ACSSB	25	12.5	F000038
CJ64AC	25	12.5	F000039
CJ64AC6	25	12.5	F000040
CJ64ACHOK24	25	12.5	F000041

**LOAD CAPACITY TABLE**

	HOOK SIZE		LOAD CAPACITY	CABLE CAPACITY		
	IN	LBS		4-PAIR UTP CAT 5E	CAT 6	2 STRAND FIBER OPTIC
	CJ12	3/4	17	16	10	16
CJ21	1 5/16	17	50	32	50	
CJ32	2	17	80	50	80	
CJ64	4	50	300	220	300	

ATTACHMENT OPTIONS

<p>W</p>	<p>AC</p>	<p>AC6</p>	<p>HOK24</p>
<p>Bat wing 12 gage – ¼" ATR</p>	<p>90° angled clip – ¼" hole</p>	<p>90° angled clip – ¾" hole</p>	<p>Knock-on steel beam clamp – ⅛" to ¼"</p>
<p>HOK58</p>	<p>PBC</p>	<p>CPBC</p>	<p>SSBC</p>
<p>Knock-on steel beam clamp – ⅝" to ½"</p>	<p>Pressed beam clamp – up to ½"</p>	<p>Angled clip and pressed beam clamp – up to ½"</p>	<p>Assembled to SSBC – ⅛" to ½"</p>
<p>ACSSB</p>	<p>ACHOK24</p>	<p>MS (COLOR) User installed - contact factory for details</p>	
<p>Angled clip and SSBC – swivels 360°</p>	<p>Knock-on clamp and angled clip – swivels 360°</p>	<p>Mylar ID label color options</p>	

The 'Cable Cage' J-Hook features a built in latch that allows you to lock the bendable flap into place – up to 50 times with no signs of metal fatigue. CJP J-Hooks combine the best features of both metal and plastic, providing strength and a slick, no-bur surface for easy cable pulling. They will support all types of data communication and low-voltage cabling and are available with a number of ready-made accessories for attachment to a wide variety of structures and surfaces. All CJP Hooks are plenum-safe.

**CJ16HP**  
1" J-HOOK



**CJ32HP**  
2" J-HOOK



**CJ48HP**  
3" J-HOOK



**CJHP ATTACHMENT OPTIONS**



Bat wing

90° angled clip

**CJHP LOAD CAPACITY TABLE**

	HOOK SIZE	LOAD CPTY.	CABLE CAPACITY		
			IN	LBS	
			4-PR UTP CAT 5E	CAT 6	2 STRAND FIBER OPTIC
CJ16HP	1	17	20	15	20
CJ32HP	2	17	90	60	90
CJ48HP	3	50	200	150	200

	PCS	WEIGHT		EZ
		LBS		
CJ16HP	50	2.5		F000051
CJ32HP	50	5		F000052
CJ48HP	25	15.5		F000053
CJ16HPW	50	4		F000059
CJ16HPAC	50	5		F000060
CJ32HPW	50	6.5		F000061
CJ32HPAC	50	6.5		F000062
CJ48HPW	25	18		F000063
CJ48HPAC	25	17.5		F000064

**BRIDLE RINGS**

Bridle rings are a simple option for smaller bundles of communication or data cabling.



**J-HOOK BRIDLE RING OPTIONS**

	RING DIA.			WEIGHT	EZ
	PCS	IN	DESCRIPTION		
CJ4T125	100	1 1/4	Bridle Ring 1/4 x 20 threads	6	F000042
CJ4T2	100	2	Bridle Ring 1/4 x 20 threads	9	F000043

## J-HOOK TREES

**J-Hook Trees** are the ideal solution for segregating up to five runs of cable following the same cable pathway. They are ready to use with no assembly required in multiple sizes and attachment methods.

These items are not stocked in our inventory. Please contact the manufacturer for shipping information, pricing and other configurations.



CJ64-SB-2

### CJ TREES

	WEIGHT			WEIGHT			WEIGHT	
	HOOK COUNT	LBS		HOOK COUNT	LBS		HOOK COUNT	LBS
<b>1 5/16" VERTICAL TREE SUPPORTS</b>								
CJ21-SB-2	2	1.4						
CJ21-SB-3	3	2.4						
CJ21-SB-4	4	3.4						
CJ21-SB-5	5	3.9						
<b>w/ ANGLE CLIP</b>								
CJ21-AC-SB-2	2	1.4						
CJ21-AC-SB-3	3	2.4						
CJ21-AC-SB-4	4	3.4						
CJ21-AC-SB-5	5	3.9						
<b>w/ BEAM CLAMP</b>								
CJ21-PBC-SB-2	2	1.9						
CJ21-PBC-SB-3	3	2.4						
CJ21-PBC-SB-4	4	3.4						
CJ21-PBC-SB-5	5	4.4						
<b>2" VERTICAL TREE SUPPORTS</b>								
CJ32-SB-2	2	1.6						
CJ32-SB-3	3	2.6						
CJ32-SB-4	4	3.6						
CJ32-SB-5	5	4.1						
<b>w/ ANGLE CLIP</b>								
CJ32-AC-SB-2	2	1.6						
CJ32-AC-SB-3	3	2.6						
CJ32-AC-SB-4	4	3.6						
CJ32-AC-SB-5	5	4.1						
<b>w/ BEAM CLAMP</b>								
CJ32-PBC-SB-2	2	2.1						
CJ32-PBC-SB-3	3	2.6						
CJ32-PBC-SB-4	4	3.6						
CJ32-PBC-SB-5	5	4.6						
<b>4" VERTICAL TREE SUPPORTS</b>								
CJ64-SB-2	2	1.5						
CJ64-SB-3	3	2.2						
CJ64-SB-4	4	-						
CJ64-SB-5	5	3.6						
<b>w/ ANGLE CLIP</b>								
CJ64-AC-SB-2	2	2						
CJ64-AC-SB-3	3	3						
CJ64-AC-SB-4	4	4						
CJ64-AC-SB-5	5	4.5						
<b>w/ BEAM CLAMP</b>								
CJ64-PBC-SB-2	2	2.5						
CJ64-PBC-SB-3	3	3						
CJ64-PBC-SB-4	4	4						
CJ64-PBC-SB-5	5	5						

### CJHP TREES

	WEIGHT			WEIGHT			WEIGHT	
	HOOK COUNT	LBS		HOOK COUNT	LBS		HOOK COUNT	LBS
<b>1" VERTICAL TREE SUPPORTS WITH PLASTIC COATED HOOKS</b>								
CJ16HP-SB-2	2	1.4						
CJ16HP-SB-3	3	2.4						
CJ16HP-SB-4	4	3.4						
CJ16HP-SB-5	5	3.9						
<b>w/ ANGLE CLIP</b>								
CJ16HP-AC-SB-2	2	1.4						
CJ16HP-AC-SB-3	3	2.4						
CJ16HP-AC-SB-4	4	3.4						
CJ16HP-AC-SB-5	5	3.9						
<b>w/ BEAM CLAMP</b>								
CJ16HP-PBC-SB-2	2	1.9						
CJ16HP-PBC-SB-3	3	2.4						
CJ16HP-PBC-SB-4	4	3.4						
CJ16HP-PBC-SB-5	5	4.4						
<b>2" VERTICAL TREE SUPPORTS WITH PLASTIC COATED HOOKS</b>								
CJ32HP-SB-2	2	1.6						
CJ32HP-SB-3	3	2.6						
CJ32HP-SB-4	4	3.6						
CJ32HP-SB-5	5	4.1						
<b>w/ ANGLE CLIP</b>								
CJ32HP-AC-SB-2	2	1.6						
CJ32HP-AC-SB-3	3	2.6						
CJ32HP-AC-SB-4	4	3.6						
CJ32HP-AC-SB-5	5	4.1						
<b>w/ BEAM CLAMP</b>								
CJ32HP-PBC-SB-2	2	2.1						
CJ32HP-PBC-SB-3	3	2.6						
CJ32HP-PBC-SB-4	4	3.6						
CJ32HP-PBC-SB-5	5	4.6						
<b>3" VERTICAL TREE SUPPORTS WITH PLASTIC COATED HOOKS</b>								
CJ48HP-SB-2	2	2						
CJ48HP-SB-3	3	2						
CJ48HP-SB-4	4	4						
CJ48HP-SB-5	5	4						
<b>w/ ANGLE CLIP</b>								
CJ48HP-AC-SB-2	2	2						
CJ48HP-AC-SB-3	3	3						
CJ48HP-AC-SB-4	4	4						
CJ48HP-AC-SB-5	5	4						
<b>w/ BEAM CLAMP</b>								
CJ48HP-PBC-SB-2	2	2						
CJ48HP-PBC-SB-3	3	3						
CJ48HP-PBC-SB-4	4	4						
CJ48HP-PBC-SB-5	5	4						

# CLAMPS

## BEAM CLAMPS

D.10 COMMERCIAL

D.13 INDUSTRIAL

## CABLE CLAMPS

D.14 CABLE-TO-DROP WIRE/ATR

D.15 CABLE-TO-STRUCTURE

## CONDUIT CLAMPS

D.16 CONDUIT-TO-BOLT MOUNT

D.17 CONDUIT-TO-STRUT

D.18 CONDUIT-TO-STRUCTURE

D.20 CONDUIT-TO-SHEET METAL STUD

D.20 CONDUIT-TO-DROP WIRE/ATR

D.21 T-BAR ATTACHMENTS



The right clamps to make branch cable runs **easy.**

Legrand clamps make installation of branch cabling simple and straightforward. Our product line covers the myriad of support clamps that are essential for every project.







## BEAM CLAMPS

Structural beams and posts in commercial and industrial buildings are a natural anchor point for cable pathways. Our beam clamp product line includes clamps for every cable attachment and hanging problem with cast and welded steel bodies that can support threaded rod or attach trays directly to beams.

FUNCTION	CAPACITY RANGE
Commercial Industrial	<ul style="list-style-type: none"> <li>• Beam flanges from 1/8" to 1/2" thick</li> <li>• Threaded rod from 1/4" to 3/4"</li> <li>• Channel from 13/16" to 3-1/4"</li> </ul>



## CABLE CLAMPS

Cable clamps are made of the highest quality spring steel to support cabling from drop wires, directly to studs or directly to structures. Each cable clamp is designed to secure cabling without additional hardware. All cable clamps are available in pre-galvanized finishes for interior use.

FUNCTION	CAPACITY RANGE
Cable-to-Drop Wire Cable-to-Structure	<ul style="list-style-type: none"> <li>• Beam Flanges from 1/16" to 1/2" thick</li> <li>• Drop wire sizes from #8 to #12</li> <li>• MC sizes from 14-2 to 8-3</li> </ul>



## CONDUIT CLAMPS

Most of our conduit clamps feature a pre-galvanized, spring steel design with self-locking jaws that secure conduit to strut, metal studs, I-beams and drop wires. Many of those clamps hammer on with the need for additional hardware. Other clamps feature a setscrew and saddle to attach conduit to cable trays. Every Legrand clamp is designed to install with speed and efficiency and are boxed in quantity.

FUNCTION	CAPACITY RANGE
Conduit-to-Bolt Mount Conduit-to-Strut Conduit-to-Structure Conduit-to-Sheet Metal Stud Conduit-to-Drop Wire/ATR Conduit-to-T-Bar Attachment	<ul style="list-style-type: none"> <li>• EMT sizes from 1/2" to 4"</li> <li>• Conduit sizes from 1/2" to 4"</li> <li>• Beam flanges from 1/8" to 1/2" thick</li> <li>• T-Bar thicknesses – 5/16" and 9/16"</li> <li>• Rod thickness – 1/4" to 3/8"</li> </ul>

# BEAM CLAMPS

## COMMERCIAL

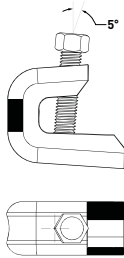
### SPRING STEEL BEAM CLAMP



- Easy installation to beam flanges from 1/8" to 1/2" thick
- Supports 1/4" and 3/8" threaded rod, electrical boxes, conduit and bridle rings
- Accommodates standard 1/4"-20 or #10-24 threaded bridle rings
- The "lightweight-heavyweight" alternative to malleable clamps for support of various components to beams.

	PKG. QTY.	ROD DIA.	TORQUE	OPENING	STATIC LOAD	PKG. WEIGHT	BL
	PCS	IN	IN/LBS	IN	LBS	LBS	
<b>CJSSBC</b>	100	3/8	20	0.5	100	5.0	F000048

### THREADED BEAM CLAMP



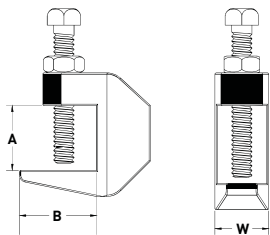
- Electro-galvanized
- Structural attachment to lower beams or purlins with 45° flanges up to 2" long and 90° flanges up to 1-1/2" high
- Set screw made of hardened steel

	PKG. QTY.	ROD DIA.	TORQUE	OPENING	STATIC LOAD	PKG. WEIGHT	EZ
	PCS	IN	IN/LBS	IN	LBS	LBS	
<b>CJBC 1/4</b>	100	1/4	20	0.5	120	10.0	F000047
<b>CJBC 3/8</b>	50	3/8	20	0.5	200	15.4	F000226

### UNIVERSAL BEAM CLAMPS



- Electro-galvanized & plain
- Structural attachment to top and bottom of metal beams, purlins, channel, or angle iron
- Set screw made of steel
- Complied with Federal Specification A-A-1192A (Type 19) and MSS SP-69 (Type 19)



	PKG. QTY.	ROD DIA.	MAX LOAD TOP	MAX LOAD BOTTOM	A	B	W	PKG. WEIGHT	EZ
	PCS	IN	LBS	LBS	IN	IN	IN	LBS	
<b>CBC 3/8</b>	100	3/8	500	250	3/4	3/4	3/4	31.0	F001043
<b>CBC 1/2</b>	50	1/2	950	760	3/4	7/8	3/4	16.0	F001044
<b>CBC 5/8</b>	25	5/8	950	760	3/4	1-1/4	1-1/8	18.0	F001000
<b>CBC 3/4</b>	25	3/4	950	760	3/4-13/16	1-1/8	1-1/4	22.0	F001001
<b>CBC 7/8</b>	25	7/8	950	760	3/4-13/16	1-1/8	1-1/4	38.0	F001002
<b>CBCWD 3/8</b>	100	3/8	500	250	13/16	1-1/4	7/8	41.0	F001003
<b>CBCWD 1/2</b>	50	1/2	950	760	1-1/4	13/16	7/8	21.0	F001004
<b>CBCWD 5/8</b>	25	5/8	950	760	1-1/4	1	1-1/8	18.0	F001005
<b>CBCWD 3/4</b>	25	3/4	950	760	1-1/4	1	1-1/4	20.0	F001006

### HAMMER ON BEAM CLAMP



- Easy hammer on installation
- 1/4" attachment hole for ceiling wire (CJ24 and CJ58)
- Spring steel/black/silver finish
- 1/4" thread for bolts/rods on CJFMP
- Load rating 200 lbs. (CJ24 and CJ58)
- 1/4" stud for attachment (CC24S)
- 1/4" thread for attachment (CJ912)

	PKG. QTY.	HOLE	BEAM THICKNESS	PE
	PCS	IN	IN	
CJ24	100		1/8 - 1/4	F000044
CJ58	100		5/16 - 1/2	F000045
CJFMP	100		1/8 - 1/2	F000046
CJ912	100		9/16 - 3/4	F000242
CC4TI58	100	1/4	5/16 - 1/2	F002153
CC4TI24	100	1/4	1/8 - 1/4	F002155
CC24S	100		1/8 - 1/4	F002160

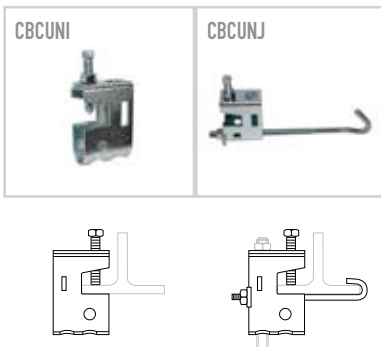
### HAMMER ON/HOOK ON PURLIN CLAMPS



- Easy hammer on installation with standard ceiling tools
- 1/4" attachment hole for ceiling wire
- Spring steel - Silver
- Load rating 100 lbs.

	PKG. QTY.	PURLIN STYLE	PURLIN THICKNESS	ROD DIA.	PE
	PCS		IN	IN	
CJZ14	100	Z Shaped	1/16 - 1/4		F000049
CJC14	100	C Shaped	1/16 - 1/4		F000050
CCZ1224TI	100	Z Shaped	1/16 - 1/4	1/4	F002156
CCZ1226TI	100	Z Shaped	1/16 - 1/4	3/8	F002157

### MULTI-FUNCTION BEAM CLAMPS



- Structural attachment to beams to support threaded rod
- J-bolt provides additional stability in high vibration environments

	PKG. QTY.	ROD DIA.	OPENING	F1	F2	EZ
	PCS	IN	IN	LBS	LBS	
CBCUNI	25	3/8 & 1/2	0.75	500	300	F001012
CBCUNJ	25	3/8 & 1/2	0.75	500	300	F001013

**C-CLAMP**



- Pressed steel beam clamp
- Conforms with Federal Specification WW-H-171 (Type 23), Manufacturers Standardization Society ANSI®/MSS-SP-58 (Type 23)

	PKG. QTY.	ROD DIA.	TORQUE	OPENING	PKG. WEIGHT	
	PCS	IN	FT/LBS	IN	LBS	
<b>CBCC3/8</b>	100	3/8	5.0	0.75	34.0	F001022
<b>CBCC1/2</b>	100	1/2	5.0	0.75	40.0	F001023

**SCREW BEAM CLAMP**



- Heavy-duty
- Malleable iron

	PKG. QTY.	ROD DIA.	OPENING	PKG. WEIGHT	EZ
	PCS	IN	IN	LBS	
<b>CBCLD1/4</b>	50	1/4	0.75	10.0	F001018
<b>CBCLD3/8</b>	25	3/8	0.625	13.0	F001019
<b>CBCLD1/2</b>	25	1/2	0.75	24.0	F001020

**FASP CLAMP KIT**



- Attaches FASP to beam

	PKG. QTY.	PKG. WEIGHT	PG
	PCS	LBS	
<b>FASCLM KIT</b>	2	0.4	942 930

**ZINC-PLATED STEEL STRUT BEAM CLAMPS**



**C41UCLM/C41UX2CLM**

- For 13/16" to 3-1/4" high channel
- 1200 lb. load capacity (in pairs)
- Recommended torque: 150in./lbs.

**C41WCLM**

- ASTM A1011
- 900 lb. load capacity

	PKG. QTY.		OPENING	FLANGE	PKG. WEIGHT	EZ
	PCS	DESCRIPTION	IN		LBS	
<b>C41UCLM</b>	50	SINGLE	1.625	3/4" MAX	33.5	F001031
<b>C41UX2CLM</b>	50	DOUBLE	3.25	3/4" MAX	38.0	F001032
<b>C41WCLM</b>	25	FLANGE	1.625	5/8" MAX	18.0	F001033

## STEEL BEAM CLAMP



- Secures tray directly to I-beam
- No additional attachment hardware needed
- Set screw included

	HEIGHT	WEIGHT	GC
	IN	LBS	
ETC 20	0.8	0.2	942 819
ETC 30	1.0	0.4	942 820

## INDUSTRIAL

## MALLEABLE C-CLAMP



	PKG. QTY.	ROD DIA.	TORQUE	OPENING	STATIC LOAD	PKG. WEIGHT	
	PCS	IN	FT/LBS	IN	LBS	LBS	
CMBCC3/8	100	3/8	5.0	0.75	250	34.0	F001026
CMBCC1/2	100	1/2	11.0	0.75	360	29.0	F001027

## WELDED BEAM CLAMP



- Structural attachment to beams to support threaded rod

	PKG. QTY.	ROD DIA.	OPENING	STATIC LOAD	PKG. WEIGHT	EZ
	PCS	IN	IN	LBS	LBS	
CBCHD 1/4	20	1/4	0.875	650	14.0	F001045
CBCHD 3/8	20	3/8	0.875	650	13.0	F001046
CBCHD 1/2	20	1/2	0.875	1,100	19.5	F001047
CBCXHD 3/8	20	3/8	1.688	1,300	13.0	F001014
CBCXHD 1/2	20	1/2	1.688	1,900	19.5	F001015
CBCXHD 5/8	20	5/8	1.688	1,900	24.0	F001016

## RESTRAINING STRAPS



	PKG. QTY.	HOLE	LENGTH	PKG. WEIGHT	PG
	PCS	GAGE	IN	LBS	
CSTRPH8	50	16	8	8.5	F001034
CSTRPH10	50	16	10	9.6	F001035
CSTRPH12	50	16	12	10.8	F001036
CSTRPH14	50	16	14	12.1	F001037
CSTRP8	50	16	8	12.0	F001038
CSTRP10	50	16	10	16.0	F001039
CSTRP14	50	16	14	20.0	F001040
CSTRP16	50	16	16	24.0	F001041

# CABLE CLAMPS

## CABLE-TO-DROP WIRE / ATR

### CABLE-TO-DROP WIRE CLIP



	MC/AC	WIRE QTY.	WIRE SIZE	OPENING SIZE	PKG. QTY.	WEIGHT		
				IN		PCS	LBS	
CCBW6	14-2 to 10-3	1	#8-#12	0.45-0.6	100	3.6		F002093
CCBW8*	10-3 to 6-3	1	#8-#12	0.601-0.9	100	4.0		F002119
CCW4	14-2 to 12-3	1	#8-#12	-	100	1.2		F002006
CCMC4W	14-3 to 10-2	4	#8-#12	-	100	8.3		F002099
CCMC7W	10-3 to 8-3	7	#8-#12	-	100	9.1		F002090
CCMC8W	14-3 to 10-2	8	#8-#12	-	100	9.4		F002151

\*Also fits 1/2"-3/4" EMT. **Material:** Spring steel; **Finish:** Black

### MULTI-FUNCTION DROP WIRE CLIPS



	WIRE SIZE	MOUNT ATTACHMENT	PKG. QTY.	WEIGHT		BL
				PCS	LBS	
CJBW	#8-#12	1/4 ROD	100	2.5		F000068
CC6W34	#8-#12	3/8 PLAIN OR THREADED ROD 3/8 - 7/16	100	2.4		F002162
CJBWS	#8-#12	1/4 ROD, 1/4 SCREW	100	3.5		F002044

### CABLE-TO-SHEET METAL STUD CLIPS



	MC/AC	CAPACITY	PKG. QTY.	WEIGHT		EZ
				PCS	LBS	
CCJ6*	14-2 to 8-3	6	100	4.5		F002007
CCMCS	14-2 to 12-3 (NM)	1	100	4.7		F002051
CCMC4*	14-3 to 10-2	4	100	5.6		F002094
CCMC7*	10-3 to 8-3	7	100	6.0		F002089
CCMC8*	14-3 to 10-2	8	100	6.2		F002081

\* **Material:** Carbon steel; **Finish:** Pre-galvanized

## CABLE-TO-STRUCTURE

### MC CABLE CLAMPS



	ATTACHMENT TYPE	MC/AC	MOUNT TYPE	FLANGE	PKG. QTY.	WEIGHT		BL
				IN		PCS	LBS	
CCMCST	STUD CLIP	14-4 to 10-3	—		100	5.0		F002130
CCMCST2	STUD CLIP	14-4 to 10-3	—	1/8 MAX	100	2.4		F002077
CCMC24B	FLANGE CLIP	14-4 to 10-3	BOTTOM	1/8-1/4	100	8.6		F002031
CCMC58B	FLANGE CLIP	14-4 to 10-3	BOTTOM	5/16-1/2	100	9.3		F002107
CCMC24	FLANGE CLIP	14-4 to 10-3	SIDE	1/8-1/4	100	6.6		F002124
CCMC724	FLANGE CLIP	14-3 to 10-2	BOTTOM	1/8-1/4	100	8.3		F002132

**Material:** Spring steel; **Finish:** Black

### CABLE SNAP CLIPS



	OPENING SIZE	FLANGE	PKG. QTY.	WEIGHT		BL
	IN	IN		PCS	LBS	
CCMC216	0.468 - 0.562	1/16 - 3/16	100	1.2		F002085
CCMC218	0.5 - 0.718	1/16 - 3/16	100	1.2		F002102
CCMC416	0.468 - 0.562	3/16 - 9/32	100	1.2		F002035
CCMC418	0.5 - 0.718	3/16 - 9/32	100	1.2		F002104
CCMC59	0.468 - 0.562	5/16 - 1/2	100	1.2		F002116

	MC/AC	FLANGE	PKG. QTY.	WEIGHT		BL
		IN		PCS	LBS	
CCBX	14-2 to 12-3	1/16 - 3/16	100	1.5		F002017

**Material:** Spring steel; **Finish:** Black

### CABLE HANGERS



	CABLE QTY.	WIRE	PKG. QTY.	PG
	IN	GAGE		
CCWH3	3	14	100	F002129
CCWH6	6	14	100	F002086

Size for MC/AC cables 14-2 to 8-3

# CONDUIT CLAMPS

## CONDUIT-TO-BOLT MOUNT

### SINGLE BOLT STEEL CONDUIT/PIPE CLAMPS



	EMT DIA.	RIGID DIA.	HOLE SIZE	PKG. QTY.	WEIGHT	EZ
	IN	IN	IN	PCS	LBS	
CCSB8	1/2	1/2	1/4	100	6.5	F002142
CCSB12	3/4	3/4	1/4	100	8.0	F002143
CCSB16	1	1	1/4	100	8.0	F002144
CCSB24	1-1/2	1-1/4	1/4	100	10.0	F002145
CCSB32	2	2	5/16	50	9.5	F002146
CCSB40	2-1/2	2-1/2	5/16	50	13.5	F002147
CCSB48	3	3	5/16	25	10.0	F002148
CCSB64	4	4	5/16	10	4.2	F002149

\* **Material:** Carbon steel; **Finish:** Zinc-plated

### SNAP-CLOSE CONDUIT/PIPE CLAMPS



	EMT DIA.	RIGID DIA.	HOLE SIZE	MOUNT TYPE	PKG. QTY.	WEIGHT	BL
	IN	IN	IN		PCS	LBS	
CC6	3/8	3/8	9/32	PLAIN	100	4.0	F002120
CC812	1/2, 3/4	1/2, 3/4	9/32	PLAIN	100	4.0	F002036
CC812T	1/2, 3/4	1/2, 3/4	1/4	THREADED	100	4.0	F002054
CC16	1	1	9/32	PLAIN	100	4.5	F002073
CCP16812M	1	1/2, 3/4	-	-	100	4.7	F002152

**Material:** Spring steel; **Finish:** Black

### PUSH-IN CONDUIT CLAMPS



	EMT DIA.	HOLE SIZE	PKG. QTY.	WEIGHT	BL
	IN	IN	PCS	LBS	
CCP8	1/2	9/32	100	3.4	F002114
CCP12	3/4	9/32	100	3.5	F002058
CCP8P8	1/2	-	100	6.0	F002072
CCP8P12	1/2, 3/4	-	100	6.0	F002070
CCP12P12	3/4	-	100	6.2	F002109

**Material:** Spring steel; **Finish:** Black



## GRID WIRE



	DESCRIPTION	PKG. QTY.		WEIGHT		EZ
		PCS	LBS			
CGRD	Signal Reference Grid Wire Clamp	100	7			F002100

**Material:** Spring steel; **Finish:** Zinc-plated

## CONDUIT-TO-STRUT

## ONE PIECE STRUT CLAMPS, WITH SADDLE



	EMT DIA.	RIGID DIA.	CABLE SIZE	PKG. QTY.		WEIGHT		EZ
	IN	IN	IN	PCS	LBS			
CCSC812S	1/2, 3/4	1/2, 3/4	0.1–0.63	100	12.5			F002135
CCSC16S	1	1	0.72–1.16	100	14.5			F002136
CCSC24S	2	2	1.74–2.2	50	11.0			F002137
CCSC32S	1-1/2	1-1/2	1.25–1.74	25	9.0			F002138
CCSC40S	2-1/2	2-1/2	2.38–2.88	10	4.1			F002139
CCSC48S	3	3	2.72–3.5	10	4.2			F002140
CCSC64S	4	4	3.85–4.5	10	4.5			F002141

**Material:** Carbon steel; **Finish:** Zinc-plated

## ONE PIECE STRUT CLAMPS, WITHOUT SADDLE



	EMT DIA.	RIGID DIA.	PKG. QTY.		WEIGHT		EZ
	IN	IN	PCS	LBS			
CCSC8	1/2	1/2	100	11.6			F002092
CCSC12	3/4	3/4	100	11.0			F002076
CCSC16	1	1	100	14.6			F002080
CCSC20	1-1/4	1-1/4	100	15.2			F002097

**Material:** Carbon steel; **Finish:** Zinc-plated

## TWO PIECE PRE-ASSEMBLED CONDUIT CLAMPS, CAPTIVE HARDWARE



	EMT DIA.	CONDUIT SIZE	PKG. QTY.		WEIGHT		EZ
	IN	IN	PCS	LBS			
CCS50	1/2	1/2	100	10.2			F002115
CCS75	3/4	3/4	100	11.6			F002083
CCS100	1	1	100	18.0			F002040
CCS125	1-1/4	1-1/4	50	19.6			F002098
CCS150	1-1/2	1-1/2	50	14.4			F002112
CCS200	2	2	25	15.0			F002117
CCS300	3	3	25	15.1			F002103
CCS350	3-1/2	3-1/2	25	15.2			F002131
CCS400	4	4	25	15.3			F002108

**Material:** Carbon steel; **Finish:** Zinc-plated

## CONDUIT-TO-STRUCTURE

### HAMMER-ON CONDUIT-TO-FLANGE CLIPS, CLAMP-STYLE BOTTOM MOUNT



	EMT DIA.	CONDUIT SIZE	FLANGE SIZE	PKG. QTY.	WEIGHT	BL
	IN	IN	IN	PCS	LBS	
CC624B*	3/8	3/8	1/8-1/4	100	8.2	F002022
CC81258B	1/2, 3/4	1/2, 3/4	5/16-1/2	100	10.0	F002020
CC812912B	1/2, 3/4	1/2, 3/4	9/16-3/4	50	6.0	F002048
CC81224B	1/2, 3/4	1/2, 3/4	1/8-1/4	100	9.0	F002008
CC1624B	1	1	1/8-1/4	100	10.0	F002018
CC1658B	1	1	5/16-1/2	100	10.5	F002053
CC16912B	1	1	9/16-3/4	50	6.0	F002074
CC658B	-	3/8	5/16-1/2	100	5.0	F002095
CC2424B	1-1/2	1-1/2	1/8-1/4	50	5.5	F002060
CC3224B	2	2	1/8-1/4	50	6.5	F002062
CC2024B	1-1/4	1-1/4	1/8-1/4	50	6.0	F002045

**Material:** Spring steel; **Finish:** Black \*Also fits MC 14-2 to 12-3

### HAMMER-ON CONDUIT-TO-FLANGE CLIPS, SIDE MOUNT



	EMT DIA.	FLANGE	PKG. QTY.	WEIGHT	BL
	IN	IN	PCS	LBS	
CC624	3/8	1/8-1/4	100	6.0	F002038
CC81224	1/2, 3/4	1/8-1/4	100	7.0	F002010
CC81258	1/2, 3/4	5/16-1/2	100	7.5	F002032
CC812912	1/2, 3/4	9/16-3/4	100	8.0	F002055
CC162424	1	1/8-1/4	100	8.0	F002026
CC1658	1	5/16-1/2	100	8.5	F002067
CC2024	1-1/4	1/8-1/4	100	8.5	F002047
CC2424	1-1/2	1/8-1/4	50	5.0	F002063
CC3224	2	1/8-1/4	50	5.5	F002066

**Material:** Spring steel; **Finish:** Black

**HAMMER-ON CONDUIT-TO-FLANGE BEAM CLAMPS, PUSH-IN CONDUIT**



	EMT DIA.	RIGID DIA.	FLANGE	MOUNT	PKG. QTY.		BL
					PCS	LBS	
CCP858B	1/2		1/2	BOTTOM	100	8.7	F002075
CCP12912B	3/4	1/2	3/4	BOTTOM	100	11.0	F002069
CCP824B	1/2		1/8-1/4	BOTTOM	100	8.5	F002042
CCP1224B	3/4	1/2	1/8-1/4	BOTTOM	100	6.6	F002078
CCP1624B	1	3/4	1/8-1/4	BOTTOM	100	11.0	F002088
CPC1248B	3/4	1/2	5/16-1/2	BOTTOM	100	9.0	F002050
CCP824	1/2	1/2	1/8-1/4	SIDE	100	7.0	F002049
CCP1224	3/4	3/4	1/8-1/4	SIDE	100	6.6	F002029
CCP1624	1	1	1/8-1/4	SIDE	100	11.0	F002091
CCP1258	3/4	3/4	5/16-1/2	SIDE	100	7.0	F002057

**Material:** Spring steel; **Finish:** Black

**SET SCREW CONDUIT-TO-BEAM CLAMPS**



	EMT/RIGID DIA.	FLANGE	MOUNT	PKG. QTY.	WEIGHT		BL
	IN	IN			PCS	LBS	
CCSBC16B	1	1/2 MAX	BOTTOM	100	10.0		F002004
CCSBC812B	1/2, 3/4	1/2 MAX	BOTTOM	100	9.0		F002000
CCPSBC812B	1/2, 3/4	1/2 MAX	BOTTOM	100	9.0		F002009
CCSBC812	1/2, 3/4	1/2 MAX	SIDE	100	9.0		F002001
CCSB200CD1B	1/2, 3/4	5/8	BOTTOM	50	20.2		F002154

**Material:** Spring steel; **Finish:** Black

**CONDUIT-TO-STRUCTURE ATTACHMENTS**



	APPLICATION	EMT	HOLE	FLANGE	PKG. QTY.	WEIGHT		BL
			IN			PCS	LBS	
CCZ812	Z Purlin Clip	1/2, 3/4	-	0.06-0.1	100	4.2		F002002
CCZ1236M	Purlin	3/8	-	0.06-0.1	100	2.85		F002158
CC812DB*	Deck Angle Bracket	1/2, 3/4	1/4	-	100	4.6		F002106
CAC†	Angle Bracket	-	1/4	-	100	4.0		F002041
CC4TIBDB	Angle Bracket	-	1/4	-	100	3.05		F002159
CCPNAM*	Angle Bracket	-	1/4	-	50	5.7		F002110

**Material:** Spring steel/Carbon steel; **Finish:** Black/EZ

\*1-1/2" offset; † 1" x 1"

## CONDUIT-TO-SHEET METAL STUD

### CONDUIT-TO-STUD ATTACHMENTS



	EMT DIA.	RIGID DIA.	PKG. QTY.	WEIGHT	BL
	IN	IN	PCS	LBS	
CC812ST*	1/2, 3/4	1/2, 3/4	100	5.2	F002016
CC12PF	1/2, 3/4	1/2, 3/4	100	5.4	F002122
CCS812D*	1/2, 3/4	1/2, 3/4	100	7.0	F002015

\* **Material:** Spring steel; **Finish:** Black

### THROUGH-STUD CLAMPS



	EMT	RIGID DIA.	PKG. QTY.	WEIGHT	BL
	IN	IN	PCS	LBS	
CAC812	1/2, 3/4	1/2, 3/4	100	7.0	F002027
CACP8	1/2	1/2	100	7.0	F002133

**Material:** Spring steel/Carbon steel; **Finish:** Black/EZ

## CONDUIT-TO-DROP WIRE / ATR

### DROPWIRE CONDUIT CLAMPS



	EMT	CONDUIT SIZE	PKG. QTY.	WEIGHT	BL
	IN	IN	PCS	LBS	
CCW6	1	3/4	100	3.5	F002023
CCW8	1/2	1/2	100	3.0	F002013
CCW12	1/2, 3/4	3/4	100	3.5	F002014
CCW20	1, 1-1/4	1	100	4.0	F002039

**Material:** Spring steel; **Finish:** Black

### SNAP-CLOSE CONDUIT-TO-ROD/WIRE CLIP



	EMT/RIGID DIA.	WIRE	ROD	PKG. QTY.	WEIGHT	BL
	IN		IN	PCS	LBS	
CC812W4	1/2, 3/4	#12	1/4	100	7.0	F002037
CC16W4	1	#12	1/4	100	8.2	F002121
CC812W6	1/2, 3/4	#12	3/8	100	7.2	F002118

**Material:** Spring steel; **Finish:** Black

### PUSH-IN CONDUIT-TO-ROD/WIRE CLIP



	EMT DIA.	WIRE SIZE	FLANGE	PKG. QTY.	WEIGHT	BL
	IN		IN	PCS	LBS	
CCP8W4	1/2	#12	1/8-3/8	100	5.4	F002125
CCP12W4	3/4	#12	1/8-3/8	100	6.0	F002052
CCP16W4	1	#12	1/8-3/8	25	6.5	F002071

**Material:** Spring steel; **Finish:** Black

### T-BAR ATTACHMENTS

#### STEEL T-BAR CLIPS



	APPLICATION	T-GRID	SCREW L	PKG. QTY.	WEIGHT	BL
		IN	IN	PCS	LBS	
CAAC	Track Lighting, with Pal Nut	15/16	5/8	100	5.5	F002123
CA49	with Wing Nut	9/16	5/8	100	8.0	F002134
CA416	with Wing Nut	15/16	9/16	100	5.0	F002030
CA15	Troffer Support Clip, Straight/Upturned Lip	ALL	—	100	2.0	F002028
CCTMC*	T-Grid MC Support	ALL	—	100	6.6	F002113
BAH416	with Plain Hole, for 1/16" max flange	15/16	NONE	100	2.0	F002127

**Material:** Spring steel; **Finish:** Black; \*MC/AC 14-2 to 10-3

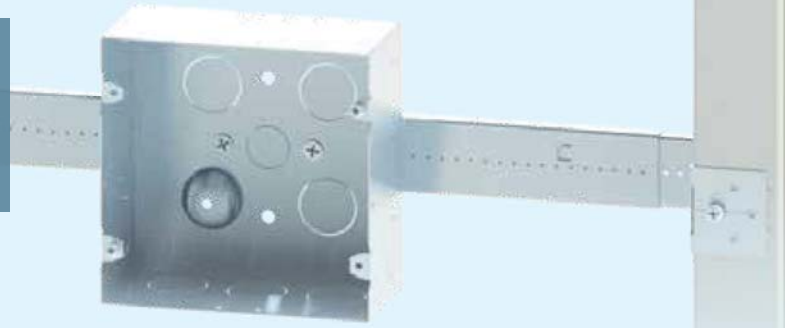
#### CONDUIT-TO-T-GRID CLIPS



	MC/AC	EMT DIA.	PKG. QTY.	WEIGHT	BL
		IN	PCS	LBS	
CCT812	14-2 to 12-3C	1/2, 3/4	100	7.5	F002043
CCT6	14-2 to 12-3C	3/8	100	6.5	F002033

**Material:** Spring steel; **Finish:** Black

# BOX BRACKETS



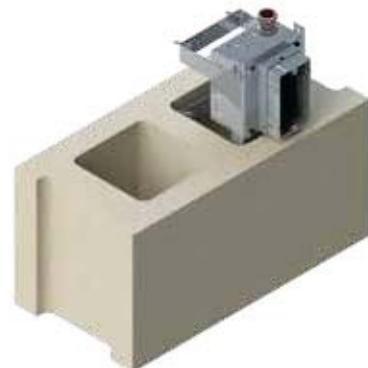
- D.23 WALL BRACKETS
- D.26 CEILING BRACKETS
- D.28 FLOOR BRACKETS

## Electrical box brackets for every application.

From the floor to the ceiling, Cablofil<sup>®</sup> has the box bracket for your next electrical project. Electrical box brackets for walls that are easy to install to telescoping brackets for off-width studs and infinite box positions are available in multiple box combinations and sizes. New to our product line is box/conduit hangers – these are the everyday choice that save installation time with self-locking spring steel clips reducing the need for additional hardware. Our hanger products attach to suspended ceiling grids, hang from threaded rod and wire and each are designed to install quickly and securely. Our line also includes box brackets for concrete walls and floor brackets. Now, Cablofil has it all.

### BOX BRACKET FEATURES:

- Components are designed to install quickly without modification and with simple attachment hardware.
- Pre-galvanized for long lasting finish in interior applications
- Sized to fit either 4" square or 4-11/16" boxes



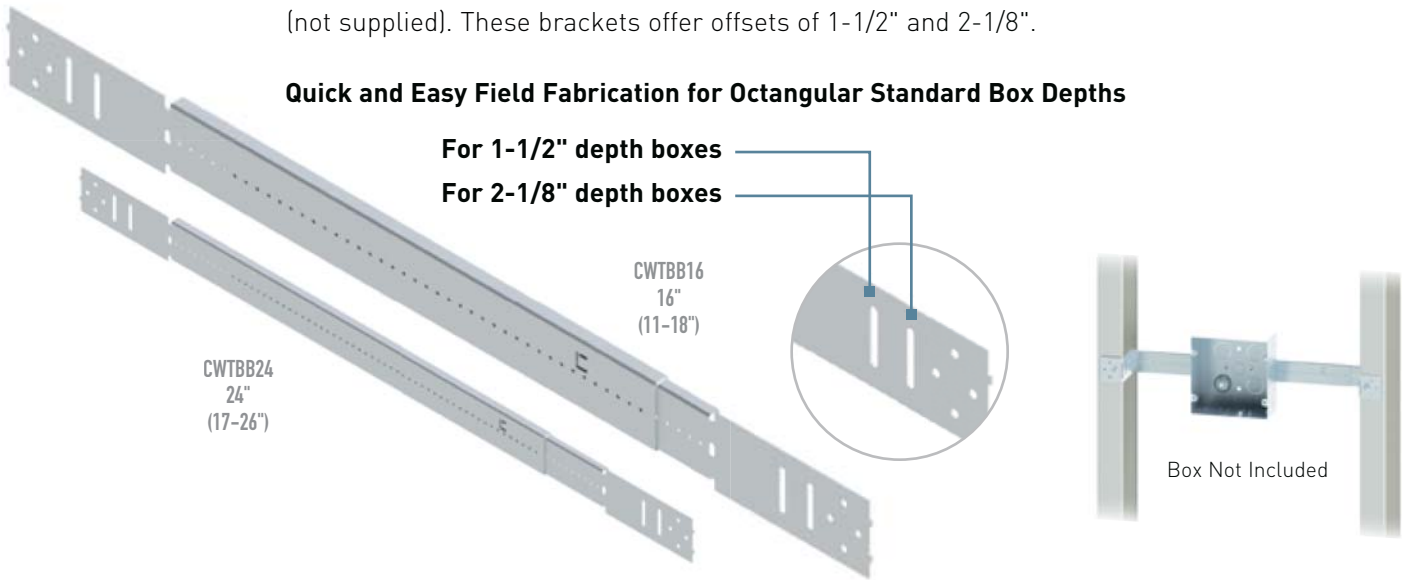
# WALL BRACKETS

## Versatility for any location.

### TELESCOPING BOX BRACKETS

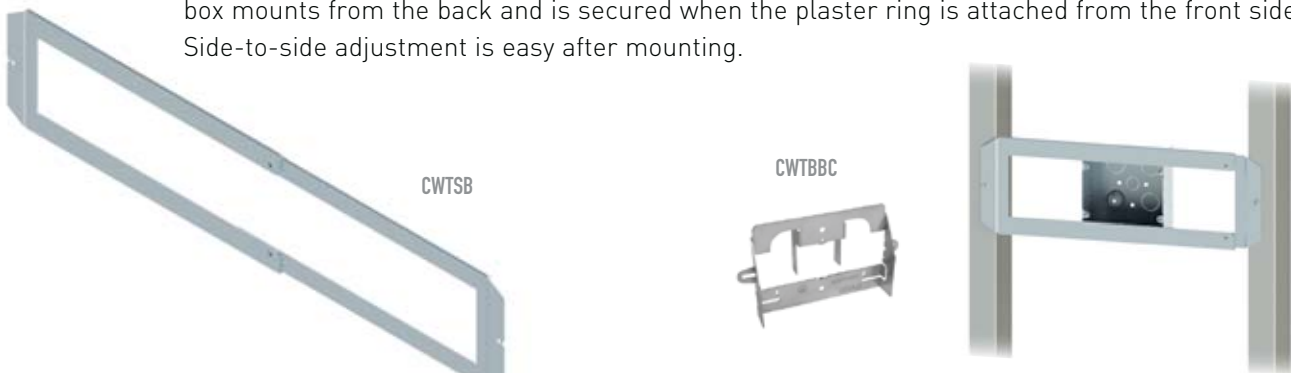
Available in two sizes, this sturdy bracket can be used for mounting boxes or for cable support. Openings allow for easy box mounting and mounting to the stud. End tabs easily fold to fit multiple box depths. The length is locked into place when the box is mounted using two screws (not supplied). These brackets offer offsets of 1-1/2" and 2-1/8".

#### Quick and Easy Field Fabrication for Octangular Standard Box Depths



### TELESCOPING BOX SUPPORT

For heavier loads or multiple box placements, this support is the answer. Fits 16" to 24" stud placements and anything in between – no cutting or field fabrication is needed. Any 4-11/16" box mounts from the back and is secured when the plaster ring is attached from the front side. Side-to-side adjustment is easy after mounting.

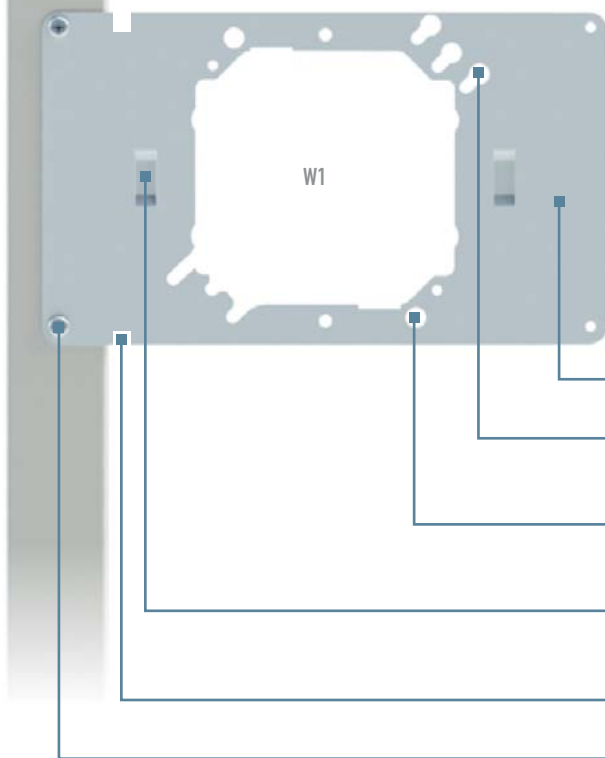


	DESCRIPTION	PKG. QTY.	MIN. LENGTH IN	MAX. LENGTH IN	PKG. WEIGHT LBS	PG
CWTBB16	Telescoping Box Bracket	50	11	18	25	F000065
CWTBB24	Telescoping Box Bracket	50	17	26	33	F000066
CWTSSB	Telescoping Support Bracket	25	16	27	20	F000067
CWTBBC	Box Mounting Clip for CWTSSB Slider Bracket	50	-	-	8.2	F002161

# WALL BRACKETS

## Pregalvanized components for single and multiple gangs.

Wall brackets make prefabricating switch and outlet assemblies easy. The design includes mounting holes and slots to accept far side supports (sold separately).



**Construction:** 18 gage pre-galvanized steel. UL Listed.

**Prefabrication:** The design accepts 4" and 5" plaster rings and 4", 4-11/16" and 5" square boxes mounted horizontally or vertically.

**Installation:** Pre-drilled holes are provided for attachment screws to the studs. Far Side Support Arms attach to the back of the bracket to support the assembly against the wall behind. No attachment hardware is needed.

**Symmetrical design allows simpler and easier prefab**

**Keyhole Openings allow 4", 4-11/16" and 5" x 2-1/8" boxes to remain attached when plaster ring is removed**

**Counter Sunk Box Attachment Holes for 4-11/16" x 2-1/8" boxes allow 4" rings to be mounted independently**

**Support Arms are attached to the back of the bracket using the two slots provided.**

**Stud alignment tabs - (W1, W34, W4 only)**

**Wall Bracket attachment holes**

- Wall brackets accept 4" and 5" plaster rings and 4", 4-11/16" and 5" square boxes mounted horizontally or vertically.
- Keyhole openings allow 4", 4-11/16" and 5" x 2-1/8" boxes to be mounted independently.
- Pre-drilled for attachment with screws to the studs.

	PKG. QTY.	OPENINGS	HEIGHT		PG
			IN	IN	
W1	25	1	5	8.5	FP211097
W2	25	2	5	11	FP211101
W3	25	3	5	16.75	FP211103
W4	25	4	5	26	FP211105
W34	25	3	5	26	FP211104
W16SSL	25	16" Slider	6	16.75	FP211100
W24SSL	25	24" Slider	6	26	FP211102

\* 16" and 24" slider brackets allows electrical boxes to be adjusted horizontally

WALL BRACKETS

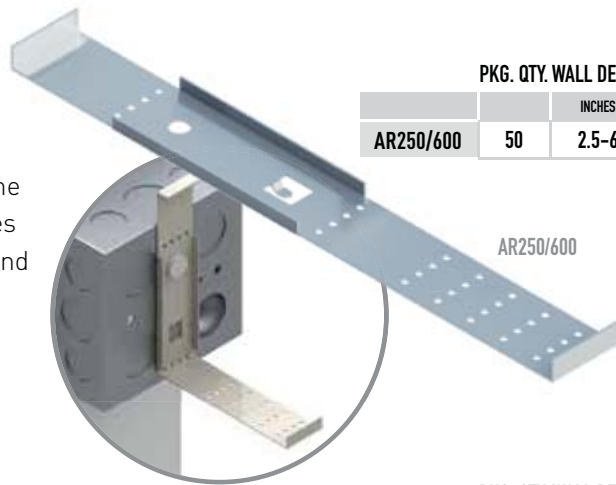




## ADJUSTABLE SUPPORT ARM

The Adjustable Far Side Support Arm is perforated to make it easy to fit any sized wall depth to stabilize floor and wall brackets. Just use a pliers to adjust. The AR250/600 fits wall depths from 2½" to 6" and reduces engineering time for job sites with varied stud sizes and wall depths. AR250/600 works with 2⅞" boxes only.

**Construction:** 18 gage pre-galvanized steel



	PKG. QTY.	WALL DEPTH		PG
		INCHES		
AR250/600	50	2.5-6		FP211055

## FIXED DEPTH SUPPORT ARMS

Product line includes 8 far side support arms for 3" depth to 6½" walls. Each snap easily onto any of our floor or wall brackets.

**Construction:** 18 gage pre-galvanized steel



	PKG. QTY.	WALL DEPTH		PG
		INCHES		
AR250	50	2.5		FP211040
AR300	50	3		FP211041
AR350	50	3.5		FP211042
AR400	50	4		FP211043
AR450	50	4.5		FP211044
AR500	50	5		FP211045
AR600	50	6		FP211048
AR650	50	6.5		FP211049
AR250/600	50	2.5-6		FP211055

## CONCRETE WALL BOX BRACKET

Box placement can be difficult when building concrete block walls, but the FB816 bracket keeps all wall boxes correctly placed during construction.

**Construction:** 18 gage pre-galvanized steel. ETL Listed. Patented design.

**Prefabrication:** Designed to hold a 4" x 2-1/8" metallic box.

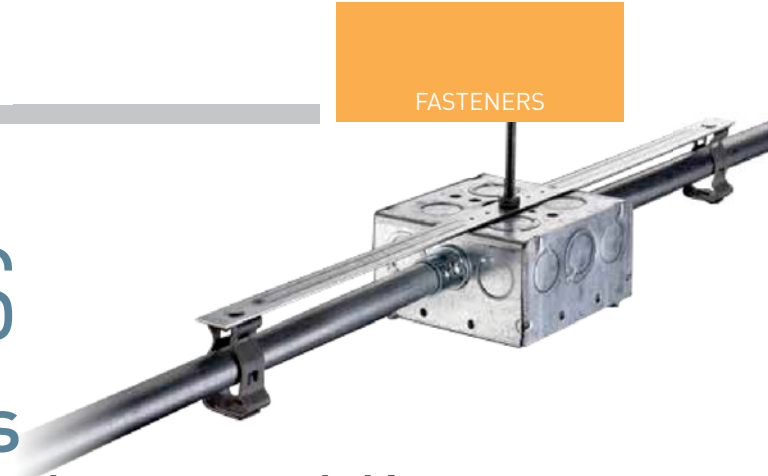
**Installation:** After cutting the proper sized opening in the concrete block, position the assembly and tighten mounting screws. All mounting hardware is included.



		PKG. QTY.	PG
FB816	Concrete Wall Bracket Only	1	FP271884
FB816-D-12CONN	Concrete Wall Bracket and ½" EMT Assembly	1	FP003697
FB816-D-34CONN	Concrete Wall Bracket and ¾" EMT Assembly	1	FP003698
FB816-D-1CONN	Concrete Wall Bracket and 1" EMT Assembly	1	FP003699

# CEILING BRACKETS

## Spring Steel brackets for overhead assemblies.



Legrand has a complete line of box and conduit supports for wall and plenum applications. Many of these products can be installed without additional hardware with spring steel clips that secure conduit with a snap.

### FEATURES:

- Components are designed to install quickly without modification and with simple attachment hardware.
- Pre-galvanized for long lasting finish in interior applications
- Sized to fit either 4" square or 4-11/16" boxes

### T-GRID BOX HANGERS



	DESCRIPTION	PKG. QTY.	PKG. WEIGHT	PG
		PCS	LBS	
CA12	Std. 24" T-Grid Box Hanger	50	27	F002005
CA12A	Adjustable 24" T-Grid Box Hanger	50	33	F002012

### COMBINATION BOX/CONDUIT HANGERS



	LENGTH	CONDUIT	MOUNT TYPE	PKG. QTY.	WEIGHT	PG
	IN	EMT		PCS	LBS	
CC1618MBH	18	1	1/4" HOLE	25		F002082
CC812MBH	18	1/2, 3/4	1/4" HOLE	25	9.0	F002009
CC6MBH	18	3/8	1/4" HOLE	25	8.0	F002061

**BOX / CONDUIT HANGERS**



	LENGTH	EMT	MOUNT TYPE	PKG. QTY.	WEIGHT	PG
	IN	IN		PCS	LBS	
CC812MBS	18	1/2, 3/4	1/4" x 5/16" STUD	25	9.5	F002034
CC812MB24	24	1/2, 3/4	1/8-1/4 BEAM CLIP	25	8.0	F002056

**BOX/CONDUIT HANGER WITH ROD/WIRE CLIP**



	LENGTH	EMT	MOUNT TYPE	PKG. QTY.	WEIGHT	PG
	IN	IN		PCS	LBS	
CC6MBW4	18	3/8	1/8-1/4 BEAM CLIP	25	8.6	F002065
CC16MBW4	18	1	1/4 ROD, #12 WIRE	25	9.0	F002126
CC812MBW	18	1/2, 3/4	#12 WIRE	25	9.0	F002024
CC812MBW6	18	1/2, 3/4	3/8" ROD	25	9.0	F002087

**OTHER BOX SUPPORT ACCESSORIES**



	DESCRIPTION	PKG. QTY.	WEIGHT	PG
		PCS	LBS	
CBXMT	Box Mounting Clip for CA12	100	8.0	F002128
TEK812	1/2" Self-Drilling / Tapping Screw, #8	100	8.6	F002150

# FLOOR BRACKETS

Sizes to fit **any project.**

F-Series Floor Brackets make it easy to prefabricate electrical assemblies for branch circuit wiring. It features an innovative built-in wire manager. It manages multiple-sized MC cable types so no attachment to the stud needed. The design permits fast installation anywhere between studs and ensures correct device mounting height without measuring. Other design features include predrilled mounting holes in the base and slots to accept far side supports (sold separately).

**Construction:** 18 gage pre-galvanized steel. UL Listed.

**Prefabrication:** The design accepts 4" and 5" plaster rings and 4" and 4-11/16" square boxes mounted horizontally or vertically. A wire manager is built into the design of the base. Just detach, make a few bends with a pliers and slide in place.

**Installation:** The Floor Bracket is installed by kicking the lower flange under the wall plate. Two holes are provided for attachment screws if needed. Far Side Support Arms attach to the back of the bracket to support the assembly against the wall behind. No attachment hardware is needed.

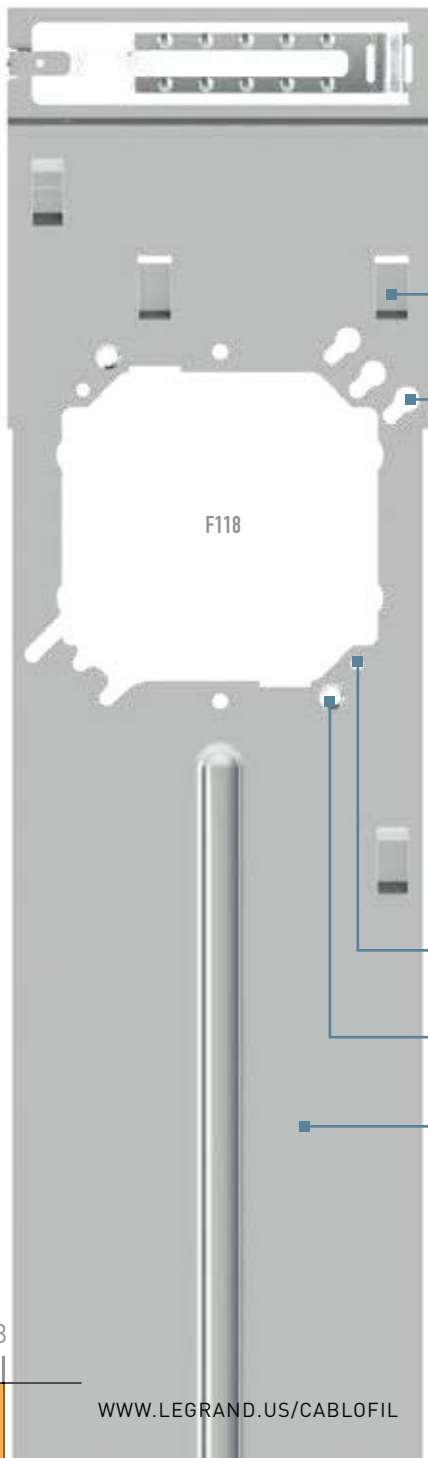
**Support Arms attach to the back of the bracket using the two slots provided.**

**Keyhole Openings allow 4" or 4-11/16" x 2-1/8" boxes to remain attached**

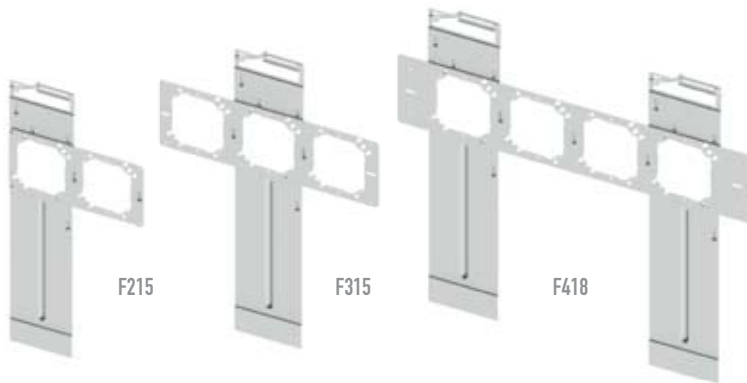
**Attachment Holes for 4" rings allow 4-11/16" x 2-1/8" boxes to be mounted independently.**

**Attachment Holes for 4-11/16" x 2-1/8" boxes allow 4" rings to be mounted independently**

**Multiple Box Heights are available from 12" to 24"**



- Floor brackets are available in 1 to 4 gang options.
- Multiple sizes available with box heights from 12" to 24"
- Keyhole openings allow 4", 4-11/16" and 5" x 2-1/8" boxes to remain attached.
- Attachment holes for 4" rings allow 4-11/16" x 2-1/8" boxes to be mounted independently.

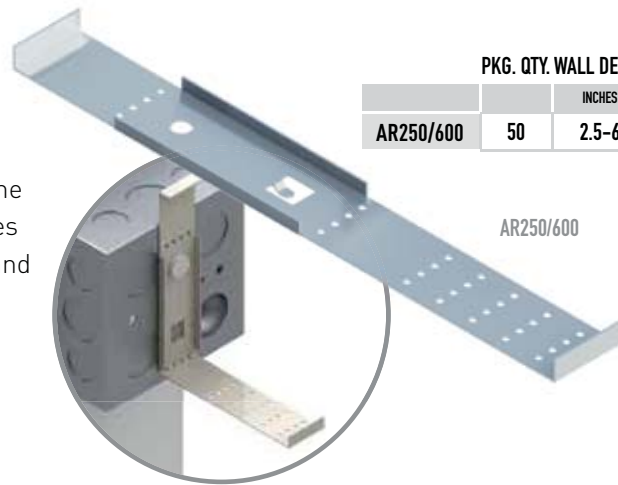


	PKG. QTY.	OPENINGS	CENTER HEIGHT		BRACKET WIDTH		PG
			IN	MM	IN	MM	
F112	25	1	12	300	5	125	FP981552
F115	25	1	15	380	5	125	FP981553
F118	25	1	18	450	5	125	FP981555
F124	25	1	24	600	5	125	FP981556
F212	25	2	12	300	5	125	FP981557
F215	25	2	15	380	5	125	FP981558
F218	25	2	18	450	5	125	FP981560
F224	25	2	24	600	5	125	FP981561
F312	25	3	12	300	5	125	FP981562
F315	25	3	15	380	5	125	FP981563
F318	25	3	18	450	5	125	FP981565
F324	25	3	24	600	5	125	FP981566
F418	25	4	18	450	5	125	FP981593

### ADJUSTABLE SUPPORT ARM

The Adjustable Far Side Support Arm is perforated to make it easy to fit any sized wall depth to stabilize floor and wall brackets. Just use a pliers to adjust. The AR250/600 fits wall depths from 2 1/2" to 6" and reduces engineering time for job sites with varied stud sizes and wall depths. AR250/600 works with 2 1/8" boxes only.

**Construction:** 18 gage pre-galvanized steel



	PKG. QTY.	WALL DEPTH		PG
		INCHES		
AR250/600	50	2.5-6		FP211055

### FIXED DEPTH SUPPORT ARMS

Product line includes 8 far side support arms for 3" depth to 6 1/2" walls. Each snap easily onto any of our floor or wall brackets.

**Construction:** 18 gage pre-galvanized steel



	PKG. QTY.	WALL DEPTH		PG
		INCHES		
AR250	50	2.5		FP211040
AR300	50	3		FP211041
AR350	50	3.5		FP211042
AR400	50	4		FP211043
AR450	50	4.5		FP211044
AR500	50	5		FP211045
AR600	50	6		FP211048
AR650	50	6.5		FP211049

### WALL BRACES FOR FLOOR BRACKETS

Wall braces stabilize floor brackets where support arms are not an option. Available for 16" and 24" stud spacing.

**Construction:** Zinc-plated steel.



	PKG. QTY.	STUD SPACING		PG
		INCHES		
T16	50	16		FP211108
T24	50	24		FP211112

## PLASTIC DEVICE COVERS

Attach to the front of receptacles, switches or can be snapped onto empty mud rings to keep them clean, dust free and finish ready during the taping and painting process. The covers are replaced later with faceplates at the trim out phase of construction.

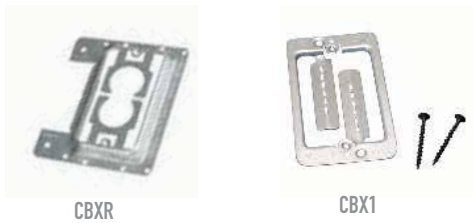


	PKG. QTY.	BOX SIZE / DEVICE TYPE	FASTENERS INCLUDED	PL
DCP-1	50	SINGLE GANG RECEPTACLE	(2) #8-32 SCREWS	FP003414
DCP-2	50	DOUBLE GANG RECEPTACLE	(2) #8-32 SCREWS	FP003416
DCP-3	50	THREE GANG RECEPTACLE	(2) #8-32 SCREWS	FP003418
DCP-4	50	FOUR GANG RECEPTACLE	(2) #8-32 SCREWS	FP003420
DCP-1T	50	SINGLE GANG TOGGLE SWITCH	(2) #8-32 SCREWS	FP003415
DCP-2T	50	DOUBLE GANG TOGGLE SWITCH	(2) #8-32 SCREWS	FP003417
DCP-3T	50	THREE GANG TOGGLE SWITCH	(2) #8-32 SCREWS	FP003419
DCP-4T	50	FOUR GANG TOGGLE SWITCH	(2) #8-32 SCREWS	FP003421
DCP-DT	50	DBL. GANG TOGGLE SWITCH & DEVICE	(2) #8-32 SCREWS	FP003422
DCP-1R	50	SINGLE GANG COVER ONLY	NONE	FP231068
DCP-2R	50	DOUBLE GANG COVER ONLY	NONE	FP231071
DCP-3R	50	THREE GANG COVER ONLY	NONE	FP231074
DCP-4R	50	FOUR GANG COVER ONLY	NONE	FP231077
DCP-R	50	3" ROUND COVER ONLY	NONE	FP231080

## LOW VOLTAGE MOUNTING PLATES

Eliminates the need for an electrical box for Class 2 low-voltage wiring.

**Construction:** Galvanized steel



	PKG. QTY.	BOX SIZE / DEVICE TYPE	PG
CBXR		SINGLE GANG	F002079
CBX1	100	SINGLE GANG, w/ SCREWS	F002011

## ADJUSTABLE RINGS

Useful in installation where wall thicknesses are unknown at the time of order or electrical rough in.

**Construction:** Galvanized steel



	PKG. QTY.	BOX SIZE / DEVICE TYPE	RING ADJUSTMENT	PG
APR-1-5/8	25	SINGLE GANG	5/8" TO 1 1/4"	FP211051
APR-1	25	SINGLE GANG	3/4" TO 1 1/2"	FP211050
APR-2	25	TWO GANG	5/8" TO 1 1/2"	FP211052
APR-3	25	THREE GANG	3/4" TO 1 1/2"	FP211053
APR-R	25	3-0 ROUND	3/4" TO 1 1/2"	FP211054



ROD COUPLING NUT

FLAT, ROUND WASHER

HEX NUT

SLIP-ON LOCK NUT

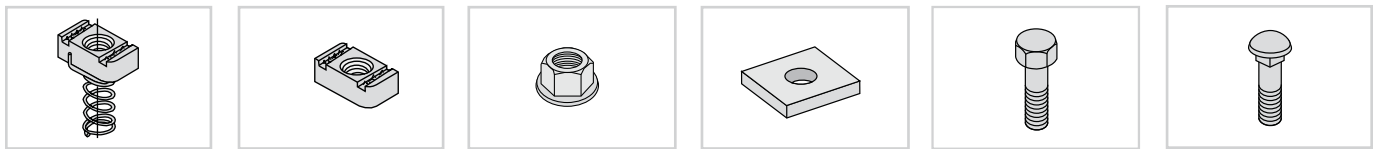
THREADED ROD

THREADED ROD PROTECTOR

DESCRIPTION	PRODUCT NUM.	QTY.	DIA.	LENGTH	PITCH	EZ	GC	304L	316L	BL	PE	PL	ZN
ROD COUPLING NUT	EZ CN 1/4	100	1/4	—	20	941 094	—	—	941 060	—	—	—	—
	EZ CN 3/8	100	3/8	—	16	941 205	—	—	941 061	—	—	—	—
	EZ CN 1/2	100	1/2	—	13	942 790	942 791	—	942 792	942 793	942 794	—	—
	DS-0237-06-ZN			5/8	—	—	—	—	—	—	—	—	*
FLAT, ROUND WASHER	EZ FW 1/4	100	1/4	—	20	941 511	942 687	—	941 065	942 309	942 381	—	—
	EZ FW 3/8	100	3/8	—	16	941 612	942 688	—	941 066	942 310	942 382	—	—
	EZ FW 1/2	100	1/2	—	13	942 464	942 784	—	942 785	942 786	942 787	—	—
	DS-8594-01-ZN			5/8	—	—	—	—	—	—	—	—	*
HEX NUT	EZ HN 1/4	100	1/4	—	20	941 713	—	—	941 067	—	—	—	—
	EZ HN 3/8	100	3/8	—	16	941 915	—	—	941 069	—	—	—	—
	EZ HN 1/2	100	1/2	—	13	941 814	—	—	941 068	—	—	—	—
	DS-8532-01-ZN			5/8	—	—	—	—	—	—	—	—	*
SLIP-ON LOCK NUT	SON1/4	2	1/4	—	20	943 351	—	—	—	—	—	—	—
	SON3/8	2	3/8	—	18	943 352	—	943 355	—	—	—	—	—
	SON1/2	2	1/2	—	12	943 353	—	943 356	—	—	—	—	—
	SON5/8	2	5/8	—	11	943 354	—	—	—	—	—	—	—
THREADED ROD	THRD 1/4	1	1/4	6	20	942 351	—	—	942 471	—	—	—	—
	THRD 3/8	1	3/8	6	16	942 353	—	—	942 472	—	—	—	—
	THRD 1/2	1	1/2	6	13	942 465	—	—	942 789	—	—	—	—
	DS-0257-12-ZN	1	5/8	12	—	—	—	—	—	—	—	—	*
THREADED ROD PROTECTOR	THRDPT	10		0.5	—	—	—	—	—	—	—	942 947	—

– Contact manufacturer for availability.

\* In stock. Contact manufacturer.



CHANNEL NUT w/ SPRING

CHANNEL NUT w/o SPRING

FLANGED HEX NUT

SQUARE CHANNEL WASHER

HEX HEAD BOLT

CARRIAGE BOLT

DESCRIPTION	SIZE	ZN	DESCRIPTION	SIZE	ZN	
CHANNEL NUT w/ SPRING	3/8"-16	DS-0102-05-ZN	HEX HEAD BOLT	1/4"-20 x 3/4"	DS-8502-01-ZN	
	1/2"-13	DS-0102-07-ZN		1/4"-20 x 1"	DS-8502-06-ZN	
	5/8"-11	DS-0102-08-ZN		1/4"-20 x 1 1/4"	DS-8502-08-ZN	
CHANNEL NUT w/o SPRING	3/8"-16	DS-0103-05-ZN		1/4"-20 x 1 1/2"	DS-8502-10-ZN	
	1/2"-13	DS-0103-07-ZN		3/8"-16 x 1 1/2"	DS-8520-05-ZN	
	5/8"-11	DS-0103-08-ZN		1/2"-13 x 1 1/2"	DS-8515-15-ZN	
FLANGED HEX NUT	1/4"-20	DS-8845-01-ZN		CARRIAGE BOLT	3/8"-16 x 1 1/2"	DS-8510-04-ZN
	3/8"-16	DS-8524-01-ZN			3/8"-16 x 2 1/2"	DS-8510-08-ZN
	1/2"-13	DS-8644-01-ZN			3/8"-16 x 3"	DS-8510-10-ZN
	5/8"-11	DS-8938-01-ZN			3/8"-16 x 3 1/2"	DS-8510-11-ZN
SQUARE CHANNEL WASHER	1 1/2" w/ 3/8" HOLE	DS-0113-02-ZN	3/8"-16 x 4"		DS-8510-12-ZN	
	1 1/2" w/ 1/2" HOLE	DS-0113-03-ZN				
	1 1/2" w/ 5/8" HOLE	DS-0113-04-ZN				

Safe Load: \*750 lbs.; †1100 lbs.; †1600 lbs.

OTHER FASTENERS

# CABLOPORT®



- D.33 CP**  
CABLOPORT BASE ONLY
- D.33 CPS/PPP**  
CABLOPORT BASE  
w/ FAS P OR STRUT SUPPORT
- D.34 CPPE/CPSE**  
CABLOPORT EXTENSION SERIES  
w/ FAS P OR CHANNEL SUPPORT
- D.34 CPSME**  
CABLOPORT MEDIUM LOAD  
SERIES w/ CHANNEL SUPPORT
- D.35 CPPB/CPSB**  
CABLOPORT BRIDGE SERIES  
w/ FAS P OR CHANNEL SUPPORT
- D.35 CPSA**  
CABLOPORT VARI-ANGLE SERIES  
w/ CHANNEL SUPPORT

## Innovative solutions for rooftop support.

CabloPort is a UV and weather resistant rubber base that creates a cushion between rooftop mounted equipment and sensitive roofing materials. Available in two styles: Standard is perfect for smaller loads and tight spaces, with a broader base minimizing roof pressure and more area for glue application. CabloPort is available with pre-installed FAS P and Channel options for a variety of uses.

### Non-Penetrating Weather Resistant Bases

- UV resistant rubber bases will not deteriorate over time
- Rubber base design supports up to 1000lb/ft
- Composite material accepts screws or other mechanical fasteners
- Made from 100% recycled rubber for green building certification

### Preinstalled Metal Supports

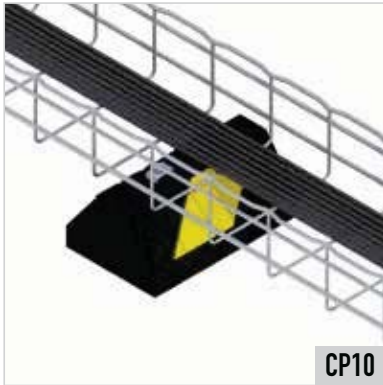
- FAS P allows for easy installation of wire mesh tray
- Slotted Channel supports PW ladder tray and tubing
- Supports are available in three finishes for exterior applications
- Options for sloped roofs and elevated pathways

### Extends life of roof and improves safety

- Rubber base reduces pressure points on sensitive roofing materials
- Dampens vibrations from rooftop mounted equipment
- Reflective Safety Strip makes roof installations safer



## CP CABLOPORT BASE ONLY



- Cable pathway or other products mounted to base with clamps and screws.
- Install on any roofing material or other flat surface.
- Maximum Load 600 lbs.
- Composite material allows through bolts or lag type screws (through bolts recommended)

	SUPPORT	HEIGHT		WIDTH		BASE LENGTH		WEIGHT		RBR*
		INCHES	MM	INCHES	MM	INCHES	MM	LBS	KG	
CP5	NONE	4.0	100	6.0	150	5.0	125	2.6	1.2	943 523
CP10		4.0	100	6.0	150	9.6	240	4.6	2.0	943 524
CP20		4.0	100	6.0	150	19.5	500	9.3	4.2	943 525
CP30		4.0	100	6.0	150	28.8	730	16.0	7.3	943 526

\*RBR= Rubber

## CPS/CPP CABLOPORT BASE WITH STRUT OR FAS P SUPPORT



- For support of tray, piping or other items on flat roofs.
- Two support styles: FAS Profile for wire mesh trays or 13/16" galvanized channel (14 ga.) for ladder tray, piping or other material support.
- Install on any roofing material or other flat surface.
- Supports are available in one standard finish and two optional finishes.

with FAS P Support

CPP30

	SUPPORT	HEIGHT		SUPPORT LENGTH		BASE LENGTH		WEIGHT		PG	GC
		INCHES	MM	INCHES	MM	INCHES	MM	LBS	KG	STANDARD FINISH	OPTIONAL
CPS5	STRUT	5.0	125	6.0	105	5.0	125	3.0	1.4	943 534	–
CPS10		4.9	120	10.0	250	9.6	240	5.3	2.4	943 535	M
CPS15		4.9	120	16.0	400	14.6	370	8.6	3.9	943 536	–
CPS20		4.9	120	22.0	550	19.5	500	9.9	4.5	943 537	–
CPS30		4.9	120	28.0	710	28.8	730	16.3	7.4	943 538	–
CPP5	FAS P	5.0	125	6.0	105	5.0	125	3.0	1.4	943 529	–
CPP10		5.0	125	12.0	300	9.6	240	5.0	2.3	943 530	M
CPP20		5.0	125	24.0	600	19.5	500	9.7	4.4	943 531	M
CPP30		5.0	125	30.0	750	28.8	730	18.5	8.4	943 532	–

– Contact manufacturer for availability.

**CPPE/CPSE**  
**CABLOPORT EXTENSION SERIES WITH FAS P OR CHANNEL SUPPORT**

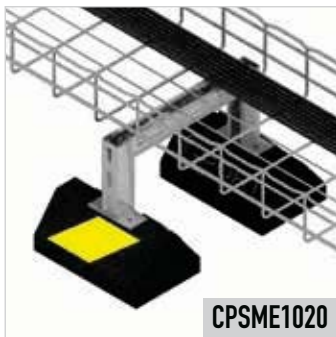


- Height adjustable.
- For support of cable pathways with varying heights.
- Base includes two (2) 1/2" Electrozinc threaded rod risers and FAS Profile or channel.
- Supports are available in one standard finish and two optional finishes.
- Install on any roofing material.
- Maximum load 150 lbs.
- Provides 5 times the surface area to minimize roof material pressure, increase load capacity and provide over 120 square in/ft for glue application.

SUPPORT	HEIGHT		SUPPORT LENGTH		BASE LENGTH		WEIGHT		PG	GC	
	INCHES	MM	INCHES	MM	INCHES	MM	LBS	KG	STANDARD FINISH	OPTIONAL	
CPPE10-88	FAS P	8.0	200	8.0	200	9.6	240	6.2	2.8	943 565	943 589
CPPE20-818		8.0	200	18.0	450	19.5	500	9.3	5.4	943 567	943 591
CPPE20-824		8.0	200	24.0	600	22.0	550	13.6	6.2	943 568	943 592
CPPE10-128		12.0	300	8.0	200	9.6	240	6.5	2.9	943 569	943 593
CPPE20-1218		12.0	300	18.0	450	19.5	500	9.9	5.5	943 571	943 595
CPPE20-1224		12.0	300	24.0	600	19.5	500	9.9	5.8	943 572	943 596
CPSE10-810	STRUT	8.0	200	10.0	250	9.6	240	6.2	2.8	943 601	943 625
CPSE20-822		8.0	200	22.0	550	19.5	500	9.9	5.5	943 603	943 627
CPSE30-828		8.0	200	28.0	710	28.8	730	19.4	8.8	943 604	943 628
CPSE10-1210		12.0	300	10.0	250	9.6	240	6.5	2.9	943 605	943 629
CPSE30-1228		12.0	300	28.0	710	28.8	730	19.6	8.9	943 608	943 632

- Contact manufacturer for availability.

**CPSME**  
**CABLOPORT MEDIUM LOAD SERIES WITH CHANNEL SUPPORT**



- Ideal for mounting medium load elevated cable pathways.
- Base includes two channel risers and channel crossbar.
- Install on any roofing material or other flat surfaces.
- Supports are available in one standard finish and two optional finishes.
- Channel can be used to support wire mesh tray (secure with FS41 (SS) Spring Clips).
- Maximum load 150/500 lbs.

SUPPORT	HEIGHT		SUPPORT LENGTH		BASE LENGTH		WEIGHT		PG	GC	304L	
	INCHES	MM	INCHES	MM	INCHES	MM	LBS	KG	STANDARD FINISH	OPTIONAL FINISHES		
CPSME1020	STRUT	10.0	250	20.0	500	10.0	250	14.2	6.4	943 669	943 677	-
CPSME1620		16.0	400	20.0	500	10.0	250	15.6	7.1	943 670	943 678	-
CPSME1030		10.0	250	30.0	750	19.5	500	39.6	17.9	943 671	943 679	-
CPSME1630		16.0	400	30.0	750	19.5	500	40.1	18.1	943 672	943 680	-

CABLOPORT

D.34 - Contact manufacturer for availability.

## CPPB/CPSB CABLOPORT BRIDGE SERIES WITH FAS P OR CHANNEL SUPPORT



with Channel Support

CPSB10-28

- Designed as sleeper for HVAC units, cable pathways, roof walkways or other applications.
- Two (2) bases bridged with 1 5/8" galvanized channel (12 ga.) or FAS P.
- Install on any roofing material or other flat surfaces.
- Supports are available in one standard finish and two optional finishes.
- Channel can be used to support wire mesh tray (secure with FS41 Spring Clips).
- Maximum load 500 lbs.

	SUPPORT	HEIGHT		SUPPORT LENGTH		BASE LENGTH		WEIGHT		PG	GC
		INCHES	MM	INCHES	MM	INCHES	MM	LBS	KG	STANDARD FINISH	OPTIONAL
CPPB10-28	FAS P	5.0	125	28.0	710	9.6	240	13.4	6.1	943 637	–
CPSB10-28	STRUT	5.6	140	28.0	710	9.6	240	13.6	6.2	943 642	–
CPSB10-36		5.6	140	36.0	900	9.6	240	14.9	6.8	943 643	–
CPSB10-42		5.6	140	42.0	1050	9.6	240	–	–	943 644	–
CPSB10-50		5.6	140	50.0	1270	9.6	240	–	–	943 645	–
CPSB10-60		5.6	140	60.0	1524	9.6	240	–	–	943 646	–

– Contact manufacturer for availability.

## CPSA CABLOPORT VARI-ANGLE SERIES WITH CHANNEL SUPPORT



CPSA20PG

- Designed to adapt to any roof pitch or uneven surface.
- Install on any roofing material.
- Easily adjusted onsite.
- Leg adaptor will accommodate 1 5/8" x 1 5/8" channel framing.
- U-shaped 1 7/8" x 1 7/8" leg adaptor pre-drilled with 9/16" mounting holes is pre-mounted to base.
- Maximum load 500 lbs.

	SUPPORT	BASE HEIGHT		BASE WIDTH		BASE LENGTH		WEIGHT		PG
		INCHES	MM	INCHES	MM	INCHES	MM	LBS	KG	
CPSA10	STRUT	5.6	140	6.0	150	9.6	240	8.0	3.6	943 667
CPSA20		5.6	140	6.0	150	19.5	500	13.3	6.0	943 668

Vertical 1 5/8" x 1 5/8" strut and horizontal crossbar not provided.

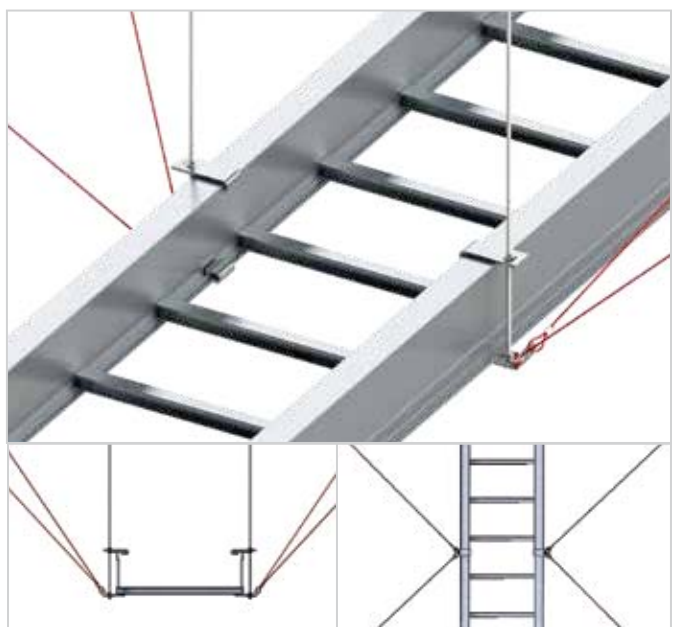
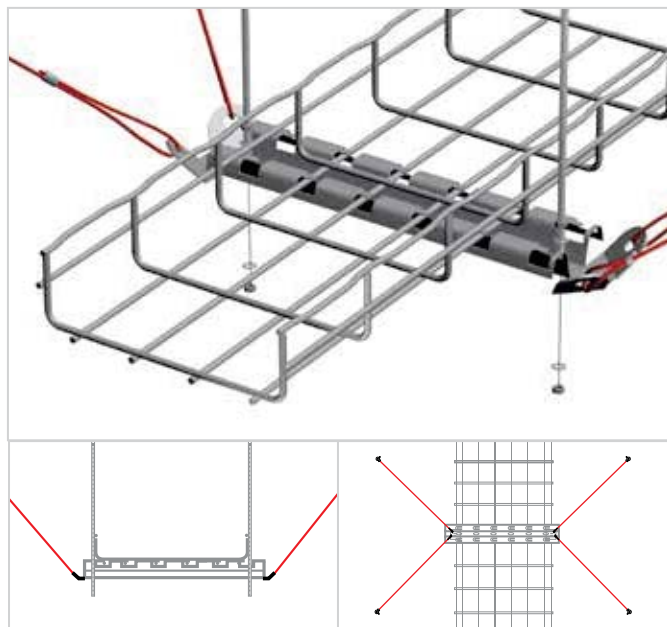
# SEISMIC BRACING

Legrand Seismic Wire Rope/Cable™ Bracing is the recommended seismic bracing for Legrand wire mesh and ladder tray systems. It is UL Listed, complies with all building codes and standards, and offers significant advantages over rigid bracing systems using pipe or strut.

With these products, a contractor can go up on a ladder or lift with everything needed for a brace location in one pocket. There's no need to deal with heavy, bulky pipe or strut – which is also difficult to cut and costly to ship. Take a look at these important differences:

CABLE BRACING	vs	PIPE/STRUT BRACING
Lightweight, easy to carry		Heavy, bulky, hard to handle
Low cost-per-foot		High cost-per-foot
Significant shipping cost savings		Expensive to ship
Saves energy in shipping – a “green” choice		A huge carbon footprint
Easy to cut with one hand		Needs a machine to cut
Can be cut anywhere, even on ladder/lift		Needs to be cut at floor cutter location
Can be used at any length		Limited in length
Simple, fast installation		Difficult installation
Low-cost mounting hardware (URCs/NPCs)		Expensive mounting brackets
Large cable sizes stronger than pipe/strut		Limited in strength
2 URCs needed at trapeze		4 brackets needed at trapeze

The Legrand quotation team can help identify when seismic bracing is required on a construction project (due to geographic area and/or project type) and provide a combined tray and bracing quote. It's an easy way to increase sales while also making the job easier for electrical contractors.



SEISMIC BRACING

D.36

## SEISMIC WIRE ROPE/CABLE™ SPOOLS AND KITS

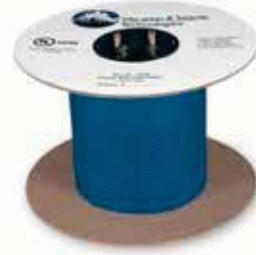
Our Seismic Wire Rope/Cable™ is available in bulk 250-foot spools or convenient kits with pre-cut cable lengths (standard lengths of 5', 10', 15' and 20'). Spools of cable can be cut to length in the field for cable assemblies made with URC™ or NPC™ attachment fittings. All Seismic Wire Rope/Cable™ assemblies made with Stake Eyes, URC™s, NPC™s and Oval Sleeves are stronger than the cable, so the cable strength always determines the strength of the cable assembly.



**Size 12 RED™**  
600 lb. UL Load Rating



**Size 18 WHITE™**  
1,100 lb. UL Load Rating



**Size 36 BLUE™**  
2,800 lb. UL Load Rating



**Size 48 YELLOW™**  
4,600 lb. UL Load Rating

SPOOLS	NUMBER	UL LOAD RATING	CABLE SIZE	CABLE COLOR	SPOOL LENGTH
		LBS.	GAGE		FEET
RED SPOOL	PW-12-CBL	600	12	RED	250
WHITE SPOOL	PW-18-CBL	1,100	18	WHITE	250
BLUE SPOOL	PW-36-CBL	2,800	36	BLUE	250
YELLOW SPOOL	PW-48-CBL	4,600	48	YELLOW	250

KITS	NUMBER	UL LOAD RATING	CABLE SIZE	CABLE COLOR	CABLE LENGTH	KIT INCLUDES
		LBS.	GAGE		FEET	
UNIVERSAL RED KIT	SZMCKIT	600	12	RED	10	(2) URC™ BRACKETS, (4) OVAL SLEEVES, (4) WEDGE ANCHORS (3/8" X 3")
STANDARD RED KIT	PW12-4W38E-5	600	12	RED	5	(4) OVAL SLEEVES
STANDARD RED KIT	PW12-4W38E-10	600	12	RED	10	(4) OVAL SLEEVES
STANDARD RED KIT	PW12-4W38E-15	600	12	RED	15	(4) OVAL SLEEVES
STANDARD RED KIT	PW12-4W38E-20	600	12	RED	20	(4) OVAL SLEEVES
STANDARD WHITE KIT	PW18-4W12E-5	1,100	18	WHITE	5	(4) OVAL SLEEVES
STANDARD WHITE KIT	PW18-4W12E-10	1,100	18	WHITE	10	(4) OVAL SLEEVES
STANDARD WHITE KIT	PW18-4W12E-15	1,100	18	WHITE	15	(4) OVAL SLEEVES
STANDARD WHITE KIT	PW18-4W12E-20	1,100	18	WHITE	20	(4) OVAL SLEEVES
STANDARD BLUE KIT	PW36-4W12E-5	2,800	36	BLUE	5	(4) OVAL SLEEVES
STANDARD BLUE KIT	PW36-4W12E-10	2,800	36	BLUE	10	(4) OVAL SLEEVES
STANDARD BLUE KIT	PW36-4W12E-15	2,800	36	BLUE	15	(4) OVAL SLEEVES
STANDARD BLUE KIT	PW36-4W12E-20	2,800	36	BLUE	20	(4) OVAL SLEEVES

Each cable in a kit has pre-attached mounting eyelets.  
Custom kits are also available to meet specific application needs.

## EARTHQUAKE SWAY BRACE SYSTEMS FOR CABLE TRAYS

Legrand has joined with Vibration & Seismic Technologies (VST), the industry's top manufacturer of Seismic Wire Rope/Cable™ Bracing, to provide a comprehensive and unique line of seismic protection products specifically designed for electrical cable tray applications. All our Seismic Wire Rope/Cable™ bracing, complies with model building codes, and installs in just one-third the time needed for more conventional pipe, angle, and strut bracing systems. Our exclusive systems have no length limitation and are UL listed.

### QUALITY CONSTRUCTION

Our standard braces are constructed of a splayed assembly of either 49 or 133 high strength, zinc coated, steel wires, configured into Wire Rope/Cable™.

### PRE-STRETCHED ASSEMBLY DAMPENS SEISMIC LOADS

Our Seismic Wire Rope/Cable™ is pre-stretched in accordance with ASCE-19. This allows our cable to act in its elastic range; in essence, it behaves like a shock absorber.

### SPECIAL DESIGN & INSTALLATION FEATURES

Every brace is designed to resist earthquake loads in tension and they are not restricted in length as are compression braces. Standard braces are extremely flexible, lightweight and are offered in precut lengths, with or without fixed end fastener fittings.

### FOUR STANDARD COLOR-CODED SIZES

Our standard braces are offered in four basic sizes, with minimum breaking strengths of 920, 1700, 4200 and 7000 lbs. Each is color-coded in red, white, blue or yellow that insures proper designation on plans and for installation in the field.

### QUALITY ASSURANCE & CERTIFIED BREAK STRENGTH

The manufacturer conducts a rigorous in-plant program of inspection, testing, and retesting of all its Seismic Wire Rope/Cable™ products to meet code and industry standards. A Certificate of Minimum Breaking Strength is included with each shipment.

## THE SEISMIC BRACING SYSTEM

Our seismic bracing typically consists of the following components: the Seismic Wire Rope/Cable™, a factory-attached stake eye end treatment, an oval sleeve used to secure the cable loop, and a Universal Restraint Clip (URC or URCR) or a No Pry Clip (NPC). Hardware required to connect the cable tray to the braced component and to the building structure are not included in the brace kits.

THE WIRE ROPE/CABLE™			
BRACE SIZE	CABLE COLOR	CERTIFIED MINIMUM BREAK STRENGTH (LBS.)	ALLOWABLE LOAD (SAFETY FACTOR = 1.5)
12	RED	920	600
18	WHITE	1700	1100
36	BLUE	4200	2667
48	YELLOW	7000	4400

### STAKE EYE

The stake eye attaches the seismic brace to the building structure and is available to fit 3/8" or 1/2" diameter hardware.

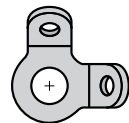
### TOP VIEW



### UNIVERSAL RESTRAINT CLIP (URC)

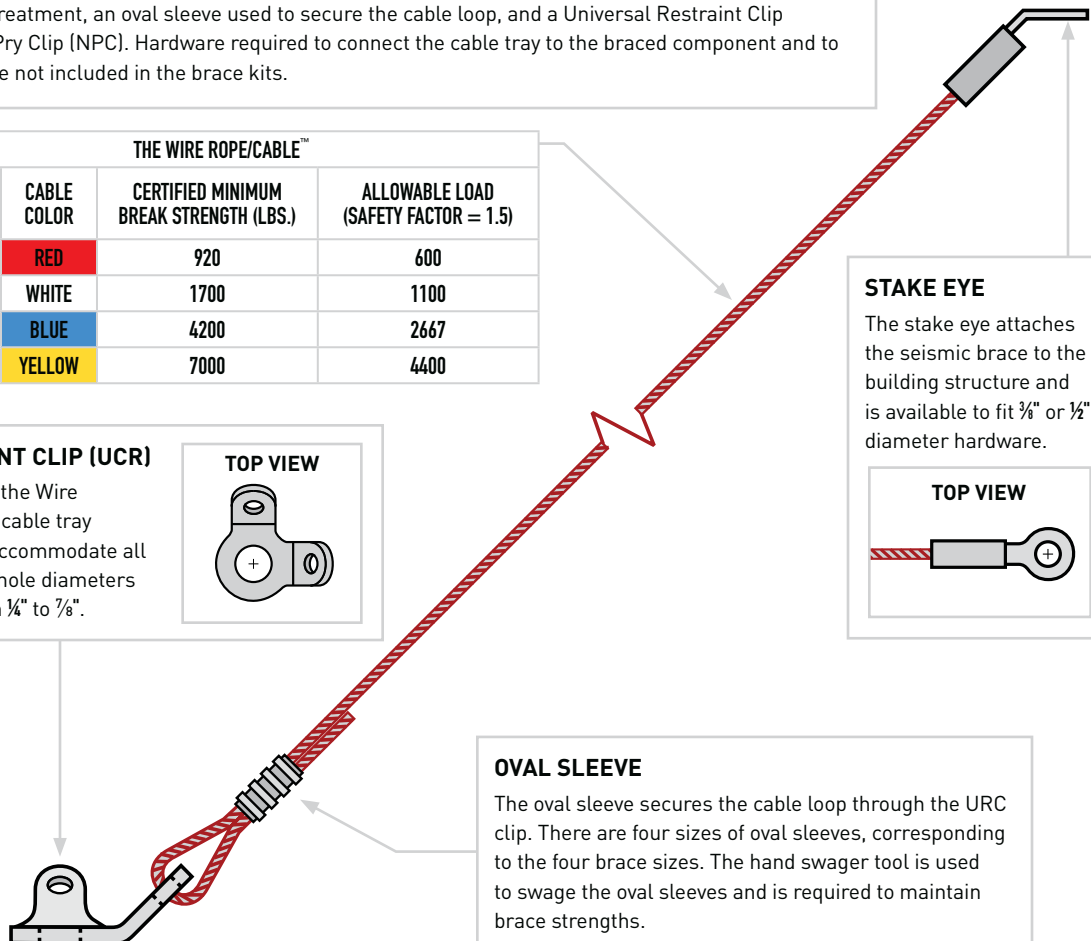
The "URC" Clip connects the Wire Rope/Cable™ brace to the cable tray support member. It will accommodate all four brace sizes and has hole diameters to fit hardware sizes from 1/4" to 3/8".

### TOP VIEW



### OVAL SLEEVE

The oval sleeve secures the cable loop through the URC clip. There are four sizes of oval sleeves, corresponding to the four brace sizes. The hand swager tool is used to swage the oval sleeves and is required to maintain brace strengths.



## URC™ UNIVERSAL RESTRAINT CLIP



URC

These attachment fittings are called universal because they have many sway brace applications. They are available with various bolt hole sizes, and the holes in the "ears" accommodate Sizes 12™ RED™, 18™ WHITE™ and 36™ BLUE™ cable.

UL listed and will comply with Local, National and International Building Codes.

COMPLETE CATALOG NO.	CABLE SIZE	HOLE DIA.	DESCRIPTION
PW-URC-1/4P	ALL	¼"	URC FOR ¼" FASTENERS
PW-URC-3/8P	ALL	⅜"	URC FOR ⅜" FASTENERS
PW-URC-1/2P	ALL	½"	URC FOR ½" FASTENERS
PW-URC-5/8P	ALL	⅝"	URC FOR ⅝" FASTENERS
PW-URC-3/4P	ALL	¾"	URC FOR ¾" FASTENERS
PW-URC-7/8P	ALL	⅞"	URC FOR ⅞" FASTENERS

## URCR™ UNIVERSAL RESTRAINT CLIP RETROFIT



URCR

The URCR™ is slotted to permit a hex nut on an existing component to be loosened before positioning the URCR™ and then re-tightening the nut.

UL listed and will comply with Local, National and International Building Codes.

COMPLETE CATALOG NO.	CABLE SIZE	HOLE DIA.	DESCRIPTION
PW-URCR-3/8P	ALL	⅜"	URCR FOR ⅜" FASTENERS
PW-URCR-1/2P	ALL	½"	URCR FOR ½" FASTENERS
PW-URCR-5/8P	ALL	⅝"	URCR FOR ⅝" FASTENERS

## NO PRY CLIP



These concrete structure attachment fittings direct the applied tension load on post-installed concrete anchors to the axis of the anchor and at the surface of the concrete, thereby neutralizing the prying effect on the anchors and making the brace assemblies stronger.

COMPLETE CATALOG NO.	CABLE SIZE	HOLE DIA.	DESCRIPTION
PW-NPC-3/8P	ALL	⅜"	NPC FOR ⅜" FASTENERS
PW-NPC-1/2P	ALL	½"	NPC FOR ½" FASTENERS
PW-NPC-5/8P	ALL	⅝"	NPC FOR ⅝" FASTENERS
PW-NPC-3/4P	ALL	¾"	NPC FOR ¾" FASTENERS

## OVAL SLEEVES



Oval sleeve fittings come in four sizes to secure Sizes 12 RED, 18 WHITE, 36 BLUE & 48 YELLOW Seismic Wire Rope/Cable™ connections with the proper swaging tools shown below.

COMPLETE CATALOG NO.	CABLE SIZE	BAG QTY.	DESCRIPTION
PW-12-SLV	12	100	(1) BAG OF 100 #12 OVAL SLEEVES
PW-18-SLV	18	100	(1) BAG OF 100 #18 OVAL SLEEVES
PW-36-SLV	36	100	(1) BAG OF 100 #36 OVAL SLEEVES
PW-48-SLV	48	50	(1) BAG OF 50 #48 OVAL SLEEVES

## ASSEMBLY TOOLS

COMPLETE CATALOG NO.	DESCRIPTION
PW-12-SBHS	(1) HAND SWAGER FOR CRIMPING OVAL SLEEVES
PW-1-SBHS	(1) LARGE SWAGER FOR CRIMPING OVAL SLEEVES
PW-C7	(1) FELCO CABLE CUTTER FOR #12 AND #18 CABLES
PW-C9	(1) FELCO CABLE CUTTER FOR #12, #18 AND #36 CABLES

The hand swager is capable of swaging all three sizes of oval sleeves for the braces in this manual. These tools are factory calibrated and are furnished with gages and instructions to insure the proper swaging of oval sleeves. The hand swager is 26" long and weighs 6.5 lbs.



PW-12-SBHS

PW-1-SBHS



PW-C7



PW-C9

The Felco type C-7 and type C-9 Precision Cable Cutters are ideal for cutting and trimming excess cable. The C-7 cutter is 8 inches long, weighs 10 ounces and is used to cut size 12 and 18 cables with one hand. The type C-9 cutter is a two-handed tool that cuts all three cable sizes with ease.

## ROD STIFFENER CLIPS

Rod stiffener clips attach strut or pipe to hanger rods in order to prevent buckling of the rods, when the rods themselves are not strong enough to resist upward vertical forces, and when compression resistance to upward vertical forces is required.

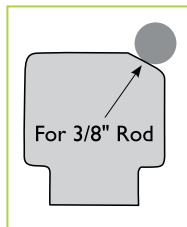
### QUICK CLIP™ FOR STRUT/CHANNEL



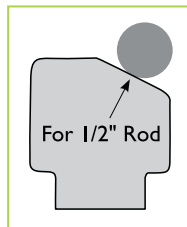
The Quick Clip™ is the fastest, easiest-to-use rod stiffener on the market. For use with 1-5/8" x 1-5/8" 12-gage strut and 3/8" or 1/2" hanger rod, the unique design offers effortless one-handed installation in less than 5 seconds – with no tools needed!

#### EASY AS 1-2-3!

1. With the rod in the rear, right corner, insert the Quick Clip™ into the strut.
2. Rotate the Quick Clip™ clockwise 90 degrees.
3. Push to lock in place.



PW-QC3/8

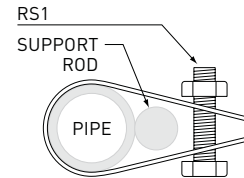


PW-QC1/2

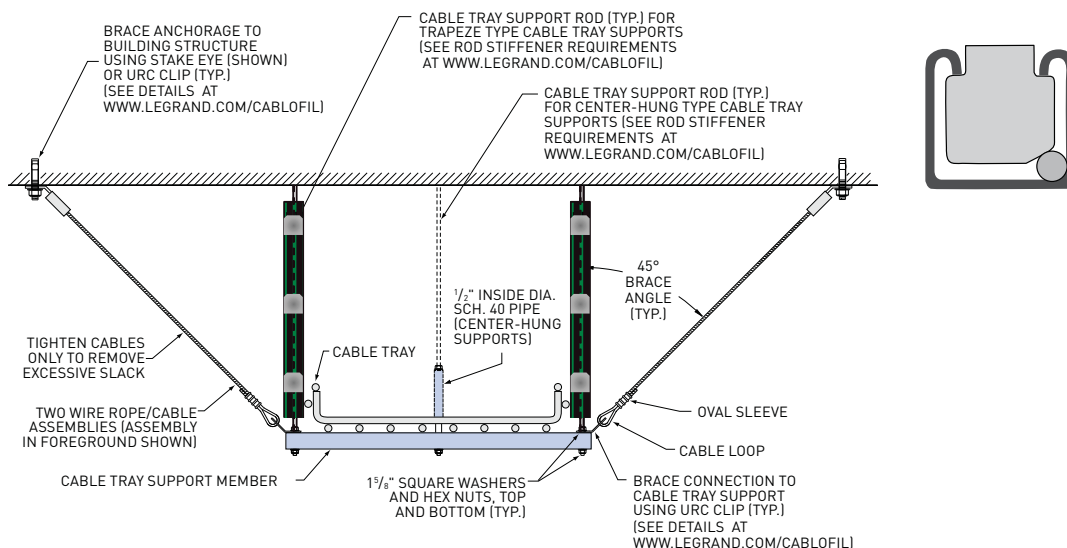
### RS1" FOR PIPE



The RS1™ rod stiffener is used with 1" Schedule 40 or Schedule 10 steel pipe and 3/8", 1/2" and 5/8" hanger rod. It snaps over the pipe and rod, and connects easily with a provided bolt and lock nut.



## SUPPORT ROD STIFFENER DETAILS AND REQUIREMENTS (AT SWAY BRACE LOCATIONS ONLY)



For multi-tier support systems, the steel strut rod stiffener shall be installed such that it be secured to the side of the bottom support member, in contact with the structure, and held in position by securing to the side of one other horizontal support member, using the rod stiffener clips shown above.

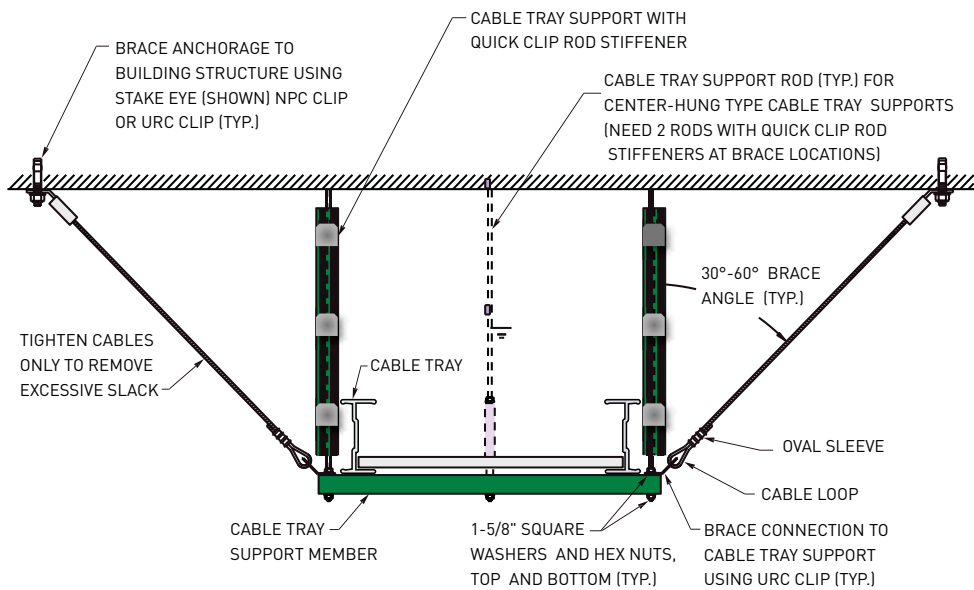
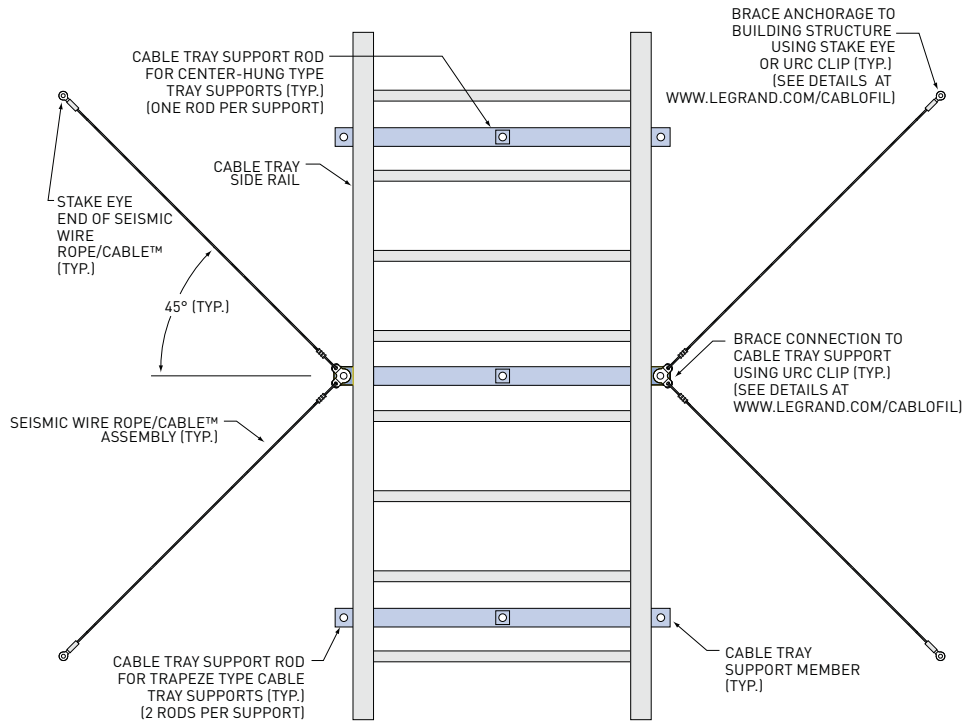




**SEISMIC Wire Rope/Cable™ BRACING**

Break Strength Certified - Color Coded - Prestretched

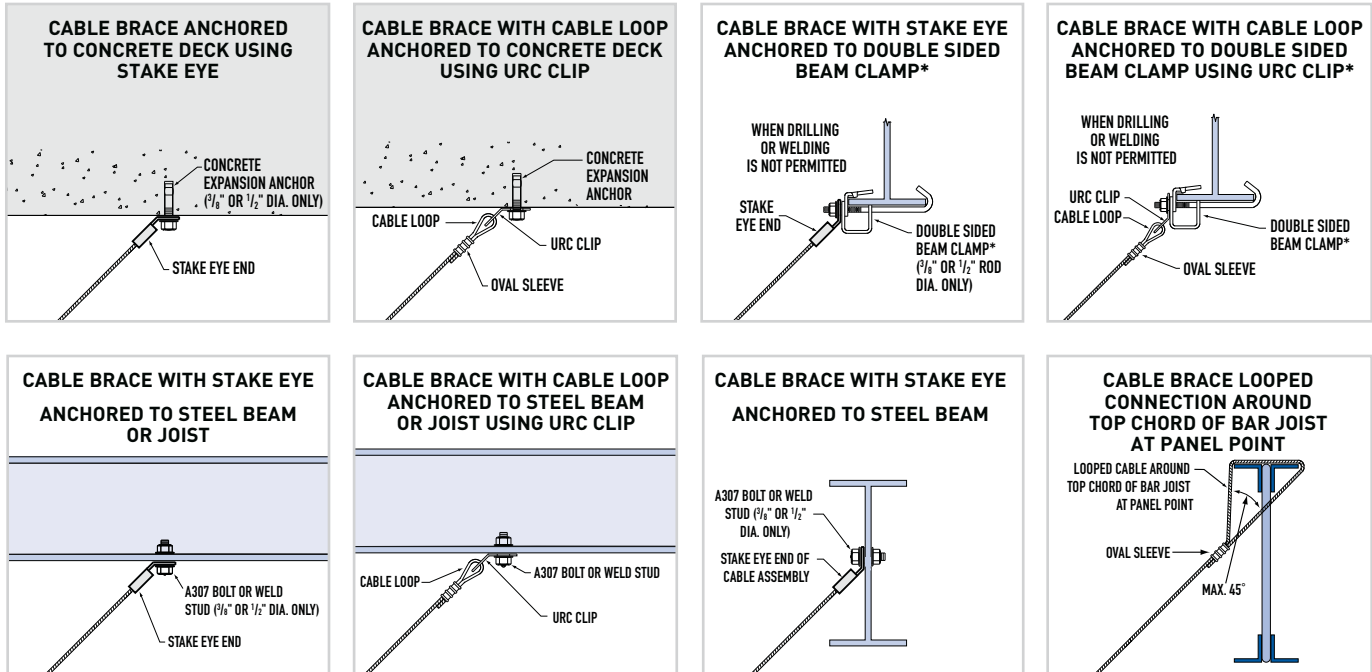
**COMBINATION TRANSVERSE / LONGITUDINAL EARTHQUAKE SWAY BRACE FOR LEGRAND (DOUBLE RAIL) CABLE TRAY**



SEISMIC BRACING

Refer to specifications, VST manual and tables for brace spacing, required brace locations, load calculations procedures, sizing, and allowable loads on brace assemblies and fasteners.

**SAMPLE DETAILS OF CABLE BRACE ANCHORAGE TO STRUCTURE FOR LEGRAND CABLE TRAY**



(\*MIN. CLAMP ROD DIA. PER COL. 'B' OF BRACING TABLES)

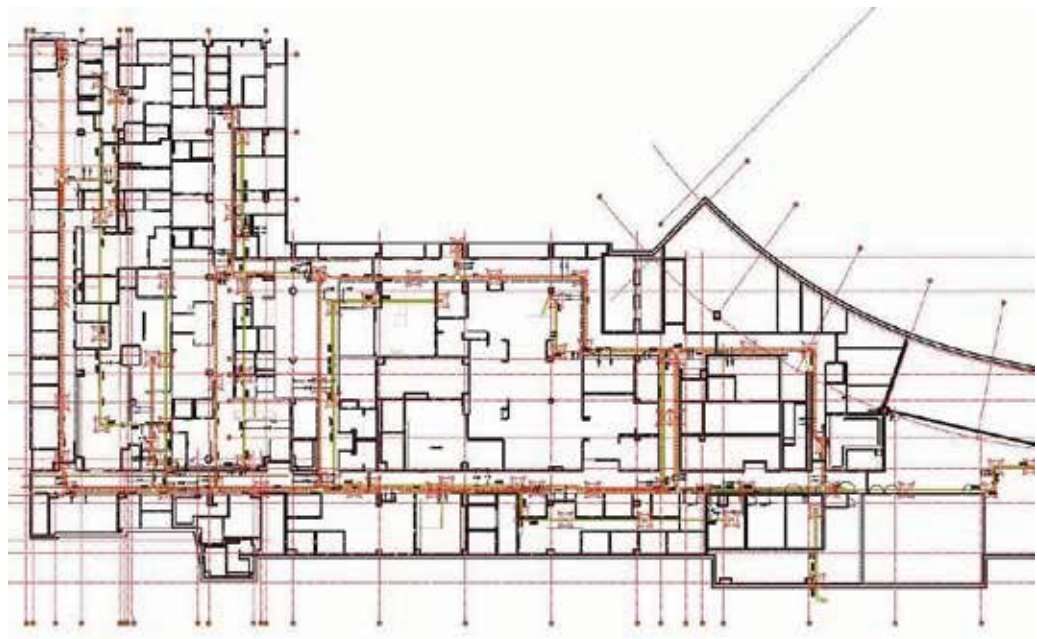
NOTE: Refer to specifications and tables for brace spacing, required brace locations, load calculations procedures, sizing, and allowable loads on brace assemblies and fasteners.

**WE MAKE SEISMIC SIMPLE!**

With Legrand, you don't need to be a seismic expert to sell seismic bracing! In fact, all you need to do is give us the opportunity to quote the bracing on projects where we are already quoting wire basket or ladder tray.

We also offer complete seismic engineering services, including calculations, bracing layouts and stamped engineering drawings. It's a complete, turnkey offering that makes every project easier — and more profitable — for sales reps, distributors and contractors alike!

So don't miss out on opportunities to take advantage of our complete seismic offering. Many areas of the country, as well as certain building types, require non-structural components like cable tray to be braced to comply with building codes. We can help you determine when seismic bracing is needed, get you fast quotes for both products and services, and make sure the entire process runs smoothly.



# J-HOOKS

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
CJ12	4	3/4" Standard J-Hook, Size 12	CAT12, CAT16HP	-	BCH12	-
CJ12AC	4	3/4" 90° Angle J-Hook, Size 12	CAT12AB, CAT16HPAB	-	BCH12-RB	-
CJ12ACHOK24	4		CAT16HP24			
CJ12ACPBC	4		CAT16HPBC200B			
CJ12ACSSB	4		CAT16HPBCB			
CJ12HOK24	4	3/4" Hammer-On J-Hook, Size 12, 10-1/4" Flange	CAT1224SM, CAT16HP24SM	-	BCH12-E-2-4	-
CJ12HOK58	4	3/4" Hammer-On J-Hook, Size 12, 5/16"-1/2" Flange	CAT1258SM, CAT16HP58SM	-	BCH12-E-5-8	-
CJ12PBC	4		CAT16HPBC200			
CJ12SSBC	4		CAT16HPBC			
CJ12W	4	3/4" Batwing J-Hook, Size 12	CAT124Z34, CAT16HP4Z34	-	BCH12-W2	-
CJ16HP	6	1" Standard CCP J-Hook, Size 16	-	-	-	-
CJ16HPAC	6	1" 90° Angle CCP J-Hook, Size 16	-	-	-	-
CJ16HPW	6	1" Batwing CCP J-Hook, Size 16	-	-	-	-
CJ21	4	1 5/16" Standard J-Hook, Size 21	CAT21, CAT21HP	-	BCH21	-
CJ21AC	4	1 5/16" 90° Angle J-Hook, Size 21	CAT21AB	-	BCH21-RB	-
CJ21ACHOK24	4		CAT21HP24			
CJ21ACPBC	4		CAT21HPBC200B			
CJ21ACSSB	4		CAT21HPBCB			
CJ21HOK24	4	1 5/16" Hammer-On J-Hook, Size 21, 1/8"-1/4" Flange	CAT2124SM	-	BCH21E-2-4	-
CJ21HOK58	4	1 5/16" Hammer-On J-Hook, Size 21, 5/16"-1/2" Flange	CAT2158SM	-	BCH21-E-5-8	-
CJ21PBC	4		CAT21HPBC200			
CJ21SSBC	4		CAT21HPBC			
CJ21W	4	1 5/16" Batwing J-Hook, Size 21	CAT214Z34	-	BCH21-W2	-
CJ32	4	2" Standard J-Hook, Size 32	CAT32	-	BCH32	J200
CJ32AC	4	2" 90° Angle J-Hook, Size 32	CAT32AB	-	BCH32-RB	J200B
CJ32ACHOK24	4		CAT32HP24			
CJ32ACPBC	4		CAT32HPBC200B			
CJ32ACSSB	4		CAT32HPBCB			
CJ32HOK24	4	2" Hammer-On J-Hook, Size 32, 1/8"-1/4" Flange	CAT3224SM	-	BCH32-E-2-4	J200SFC18
CJ32HOK58	4	2" Hammer-On J-Hook, Size 32, 5/16"-1/2" Flange	CAT3258SM	-	BCH32-E-5-8	J200SFC516
CJ32HP	6	2" Standard CCP J-Hook, Size 32	-	-	-	-
CJ32HPAC	6	2" 90° Angle CCP J-Hook, Size 32	-	-	-	-
CJ32HPW	6	2" Batwing CCP J-Hook, Size 32	-	-	-	-
CJ32PBC	4		CAT32HPBC200			
CJ32SSBC	4		CAT32HPBC			
CJ32W	4	2" Batwing J-Hook, Size 32	CAT324Z34	-	BCH32-W2	-
CJ4T2	6	2" Bridle Ring	4BRT32			
CJ4T125	6	1 1/4" Bridle Ring	4BRT20			
CJ48HP	6	3" Standard CCP J-Hook, Size 48	-	-	-	-
CJ48HPAC	6	3" 90° Angle CCP J-Hook, Size 48	-	-	-	-
CJ48HPW	6	3" Batwing CCP J-Hook, Size 48	-	-	-	-
CJ64	4	4" Standard J-Hook, Size 64	CAT64	-	BCH64	-
CJ64AC	4	4" 90° Angle J-Hook, Size 64	CAT64AB	-	BCH64-RB	-
CJ64AC6	4		NA			
CJ64ACHOK24	4		NA			
CJ64ACPBC	4		CAT64HPBC200B			
CJ64ACSSB	4		CAT64HPBLB			
CJ64HOK24	4	4" Hammer-On J-Hook, Size 64, 1/8"-1/4" Flange	CAT6424SM	-	BCH64-E-2-4	-
CJ64HOK58	4	4" Hammer-On J-Hook, Size 64, 5/16"-1/2" Flange	CAT6458SM	-	BCH64-E-5-8	-
CJ64PBC	4		CAT64HPBC200			
CJ64SSBC	4		CAT64HPBL			
CJ64W	4	4" Batwing J-Hook, Size 64	-	-	-	-

## BEAM CLAMPS

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
C41UCLM	D.12		BC17A000EG			
C41UX2CLM	D.12		BC17D000EG			
C41WCLM	D.12		BC16A000EG			
CBC 3/8	D.10		3000037EG			
CBC 1/2	D.10		3000050EG			
CBC 5/8	D.10	Reversible Small Mouth Beam Clamp 5/8"	3000062EG			
CBC 3/4	D.10	Reversible Small Mouth Beam Clamp 3/8"	3000075EG			
CBC 7/8	D.10	Reversible Small Mouth Beam Clamp 7/8"	3000087EG			
CBCC3/8	D.12	C-clamp 3/8" w/locknut	2000037EG		B351L-3/8	
CBCC1/2	D.12	C-clamp 1/2" w/locknut			B351L-1/2	
CBCHD1/4	D.13	Beam Clamp 7/8" Mouth 1/4"	BC130025EG		B303	
CBCHD3/8	D.13	Beam Clamp 7/8" Mouth 3/8"	BC130037EG		B305	
CBCHD1/2	D.13	Beam Clamp 7/8" Mouth 1/2"	BC130050EG		B307	
CBCLD1/4	D.12	Set Screw Beam Clamp 1/4"			B444-1/4	
CBCLD3/8	D.12	Set Screw Beam Clamp 3/8"			B444-3/8	
CBCLD1/2	D.12	Set Screw Beam Clamp 1/2"			B444-1/2	
CBCUNI	D.11	Multi-function Beam Clamp	BC100000EG		B751	
CBCUNJ	D.11	Multi-function Beam Clamp w/J-bolt	BC110000EG		J-BOLT CLAMP	
CBCWD3/8	D.10	Reversible Thick Flange Beam Clamp 3/8"	3100037EG		B321-1	
CBCWD1/2	D.10	Reversible Thick Flange Beam Clamp 1/2"	3100050EG		B321-2	
CBCWD5/8	D.10	Reversible Thick Flange Beam Clamp 5/8"	3100062EG		B321-3	
CBCWD3/4	D.10	Reversible Thick Flange Beam Clamp 3/4"	3100075EG		B321-4	
CBCXHD3/8	D.13	Beam Clamp HD 1-21/32" Mouth 3/8"	BC140037EG		B321-1	
CBCXHD1/2	D.13	Beam Clamp HD 1-21/32" Mouth 1/2"	BC140050EG		B321-2	
CBCXHD5/8	D.13	Beam Clamp HD 1-21/32" Mouth 5/8"	BC140062EG		B321-3	
CC24S	D.11	1/8-1/4" Flange - 1/4-20 Stud	M24S	SSFH1/4S	BU24S	
CC4TI58	D.11	5/16-1/2" Flange - 1/4" Threaded Rod with Thread Impression	4TI58	SSFHA1/4F1/2T	BH4E58	
CC4TI24	D.11	1/8-1/4" Flange - 1/4" Threaded Rod with Thread Impression	4TI24	SSFHA1/4F1/4T	BH4E24	
CCZ1224TI	D.11	1/4" Threaded Rod to Z Purlin	1224TI	SSFBZ1A1/4T	BH4F12	
CCZ1226TI	D.11	3/8" Threaded Rod to Z Purlin	1226TI	SSFBZ1B3/8	BH6F12	
CJ24	D.11					
CJ58	D.11					
CJBC1/4	D.10	1/4" Thread Beam Clamp thru 5/8" flange	BC200			
CJ912	D.11	Hammer-on Flange Clip 9/16 - 3/4" Flange	M912	SSFH3/4	BU912	
CJBC3/8	D.10	3/8" Thread Beam Clamp thru 3/4" flange	BC400		BC442-6	
CJC14	D.11					
CJFMP	D.11					
CJSSBC	D.10	Beam Clamp thru 1/2" flange	BC		BC1	
CJZ14	D.11					
CMBCC3/8	D.13	Malleable Iron C-clamp 3/8" w/locknut			B3036L-3/8	
CMBCC1/2	D.13	Malleable Iron C-clamp 1/2" w/locknut			B3036L-1/2	
CSTRP8	D.13	8" Restraining Strap				
CSTRP10	D.13	10" Restraining Strap				
CSTRP14	D.13	14" Restraining Strap				
CSTRP16	D.13	16" Restraining Strap				
CSTRPH8	D.13	8" Restraining Strap				
CSTRPH10	D.13	10" Restraining Strap	035RS1000EG			
CSTRPH12	D.13	12" Restraining Strap				
CSTRPH14	D.13	14" Restraining Strap	035RS1400EG			
ETC 20	D.13	Steel Beam Clamp 0.8				
ETC 30	D.13	Steel Beam Clamp 1.0				
FASCLM KIT	D.12					

## CABLE CLAMPS

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
CC6W34	D.14	Rod Fastener 3/8" Plain or Threaded Rod 3/8-7/16"	6Z34B	-	BW6	
CCBW6	D.14	Cable/ConWr 14-10-3 MC .45-.60 #8-#12 Wire	PCS1		BX8	
CCBW8	D.14	Cable/Con to Wire 1/2-3/4EMT 10-3-6-3 MC .6-.90D #8-#12 Wire	PCS2	SSFCB706	BX18	
CCBX	D.15	MC Cable to Stud , 14-2 to 12-3 MC	449		BX9	BXC
CCJ6	D.14	MC/NM Cable Support	CJ6	SSFSC6	BRC4M	C6
CCMC4	D.14	MC Cbl Sprt Brkt 14-3 -8-3 MC 4 Cap	MCS50			
CCMC4W	D.14					
CCMC7	D.14	Cble Supt Bckt 10-3-8-3 MC, 7 Cap	MCS101		BRC53	
CCMC7W	D.14	Cble Supt Brkt Wr10-3 to 8-3 MC 7 Capacity 1/4Rod#8 Wire	MCS1014Z			
CCMC8	D.14	MC Cble Brkt 14to8-3 MC, 8 Capacity	MCS100		BRC52	
CCMC8W	D.14					
CCMC24	D.15	MC Cble - Flg Sd 14-10-3 MC .25Flg	MAC224SM	SSFCR2F1/4	BX4E24	
CCMC24B	D.15	MC-Flg Btm 14-4 to10-3 MC .25Flg	MAC224	SSFCR2H1/4	BX4U24	
CCMC58B	D.15	MC Cbl to Flg btm 14-10-3MC .5FLG	MAC258	SSFCR2H1/2	BX4U58	
CCMC59	D.15	Cable Snap .5FLG .468-.562OD	SC8D	SSFCEL562	BXL1214	SC8D
CCMC216	D.15	Cable Snap .188Flg 0.468-0.562OD	SC2D	SSFCE562	BXS1214	F2D
CCMC218	D.15	Cable Snap .188Flg 0.5-0.720D	SC2E	SSFCE5718	BXS1519	SC2E
CCMC416	D.15	Cable Snap 9/32FLG, 0.47-0.560D	SC4D	SSFCEM562	BXM1214	
CCMC418	D.15	Cable Snap .28FLG .5-.72 OD	SC4E	SSFCEM718	BXM1519	SC4E
CCMC724	D.15					
CCMCS	D.14	MC-Stud 7/16-9/16OD 14-12-3 MC/NM	FXC20		BX5	FXC20
CCMCST	D.15	MC Dble Cable to Stud 14-10-3MC	MAC2T	SSFCR4	BX4MD	
CCMCST2	D.15	MC Cble-Stud 14to 10-3 MC .125Flg	MAC2	SSFCR2	BX4	
CCW4	D.14	Batwing Cable/Con 1/2EMT 14 12-3 MC	KX		BW4	FXBX
CCWH3	D.15	Cable Hgr, 1 1/8" Dia	WMX3	SSFCW3	BX2	
CCWH6	D.15					
CJBW	D.14					
CJBWS	D.14	Multi-Func 1/4Rod #12 Wire, 1/4Screw	4Z4S			

## CONDUIT CLAMPS

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
BAH416	D.21					
CA15	D.21					
CA49	D.21		469			
CA416	D.21					
CAAC	D.21					
CAC	D.19		AB			
CAC812	D.20	Thru Stud Con 1/2-3/4EMT&Rgd	FB812M	SSFSABC1/2 3/4	BG812H7	BAK1234
CACP8	D.20	Through Stud Con 1/2EMT	FB8P	SSFSABS1/2	BP8H7	FB8P
CC6	D.16					
CC12PF	D.20	Con to Stud 3/4EMT, 0.922" OD	12PF		BP12B5	12PF
CC16	D.16					
CC1624Z4	D.18	Con to Beam Sd 1EMT, .25Flg	16M24SM		BG16E24	SFC18KC1
CC1624B	D.18	Con to Beam 1EMT, 1Rgd, .25Flg	16M24	SSFCC1H1/4	BG16E24	BC18KC1
CC1658	D.18	Con to Beam Sd, 1EMT .5FLG	16M58SM	SSFCC1F1/2	BG16E58	16M58SM
CC1658B	D.18	Con to Beam, 1EMT&Rgd .5FLG	16M58	SSFCC1H1/2	BG16U58	16M58
CC16912B	D.18	Con to Beam, 1EMT&Rgd .75Flg	16M912	SSFCC1H3/4	BG16U912	16M912
CC16W4	D.20					
CC4TIBDB	D.19	Angle Bracket for 1/4" Threaded Rod with Thread Impression	4TIB	SSFHA1/4ABT	BH4H7	
CC624	D.18					
CC624B	D.18	Con to Beam 14- 12-3 MC .25 Flg	6M24	SSFCC3/8H1/4	BG6U24	BC18KC38
CC658B	D.18	Con to Beam, 14-2 -12-3 MC .5FLG	6M58	SSFCC3/8H1/2	BG6U58	6M58
CC812	D.16					
CC812DB	D.19	Con Deck Angle Brkt 1/2-3/4EMT	812MCPNAM			

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
CC812ST	D.20	Con to Stud 1/2-3/4EMT	812MF	SSFSC1/2 3/4	BG812B5	SBKC1234
CC812W4	D.20	Con-Wire 1/2-3/4EMT .25Rod #12 Wr	4Z34812M	SSFUCC1/2 3/4	BG812W2	APSKC1234
CC812T	D.16					
CC812W6	D.20	Snap Con Wire 1/2-3/4EMT 3/8Rod	6Z34812M	SSFUCC1/2 3/4	BG812W6	
CC2024	D.18	Con to BeamSd 1 1/4EMT, .25Flg	20M24SM	SSFCC1 1/4F1/4	BG20E24	20M24SM
CC2024B	D.18					
CC2424	D.18	Con to BeamSd, 1 1/2EMT, .25Flg	24M24SM	SSFCC1 1/2F1/4	BG24E24	24M24SM
CC2424B	D.18		24M24			
CC3224	D.18	Con to Beam Sd 2EMT, .25Flg	32M24SM	SSFCC2F1/4	BG32E24	32M24SM
CC3224B	D.18	Con to Beam 2EMT&Rgd .25Flg	32M24	SSFCC2H1/4	BG32U24	32M24
CC81224	D.18	Con to Beam Sd 1/2-3/4EMT .25Flg	812M24SM	SSFCC1/2 3/4F1/4	BG812E24	SF18KC1234
CC81224B	D.18	Con to Bm 1/2-3/4EMT&Rgd .25Flg	812M24		BG812U24	BC18KC1234
CC81258	D.18		812M58			
CC81258B	D.18	Con to Beam 1/2EMT&Rgd .5FLG	812M58	SSFCC1/2 3/4H1/2	BG812U58	BC516KC1234
CC812912	D.18	Con to BmSd 1/2-3/4EMT .75 Flg	812M912SM	SSFCC1/2 3/4F3/4	BG812E912	812M912SM
CC812912B	D.18	Con to Beam 1/2EMT-Rgd .75Flg	812M912	SSFCC1/2 3/4H3/4	BG812U912	812M912
CCP12	D.16	Con Push 3/4EMT, 9/32 Hole,	12P	SSFCS3/4	BP12	12P
CCP8	D.16	Push In Con 1/2EMT 9/32" Hole,	8P	SSFCS1/2	BP8	8P
CCP8P8	D.16	Con to Con Push 1/2to1/2, EMT	8P8P	SSFCS1/2S1/2	BP8P8	8P8P
CCP8P12	D.16	Con to Con Push 1/2to3/4 EMT/Rgd	8P12P	SSFCS1/2S3/4	BP8P12	8P12P
CCP8W4	D.21	Push Con wire 1/2EMT1/4Rod#12 Wire.375Flg	4Z348P	SSFUCCS1/2	BP8W2	4Z348P
CCP12P12	D.16	Con-Con Push 3/4-3/4EMT 1/2Rgd-1/2Rgd	12P12P	SSFCS3/4S3/4	BP12P12	12P12P
CCP12W4	D.21	Push Con Rod/Wire 3/4EMT 1/2Rgd 1/4" Rod#12 Wire .375Flg	4Z3412P	SSFUCCS3/4	BP12W2	4Z3412P
CCP16812M	D.16	Trapeze 1/2" or 3/4" Conduit to 1" EMT	16812M	SSFCC1C1/2 3/4	BG16G812	
CCP16W4	D.21	Co-Wire Push 1EMT&3/4Rgd 1/4Rod#12 Wire .375Flg	4Z3416P	SSFUCCS1	BP16W2	4Z3416P
CCP824	D.19	Con to BEAM Sd, 1/2EMT, .25Flg	8P24SM	SSFCS1/2F1/4	BP8E24	8P24SM
CCP824B	D.19	Con to Beam 1/2EMT, .25Flg	8P24	SSFCS1/2H1/4	BP8U24	8P24
CCP858B	D.19					
CCP1224	D.19		12P24SM			
CCP1224B	D.19	Con-Flg 3/4EMT 1/2Rgd .25Flg	12P24	SSFCS3/4H1/4	BP12U24	BC1875
CCP1248B	D.19	Con Beam 3/4EMT 1/2Rgd .5FLG	12P58	SSFCS3/4H1/2	BP12U58	12P58
CCP1258	D.19	Con to Flg Sd 3/4EMT, .5FLG	12P58SM	SSFCS3/4F1/2	BP12E58	12P58SM
CCP1624	D.19	Con to Flg Sd 1EMT .25Flg	16P24SM	SSFCS1F1/4	BP16E24	16P24SM
CCP1624B	D.19	Con to Flg 1EMT, 3/4Rgd .25Flg	16P24	SSFCS1H1/4	BP16U24	16P24
CCP12912B	D.19					
CCPNAM	D.19	Standoff Deck Angle Bracket, 1 1/2"	CPNAM			
CCPSBC812B	D.19					
CCS50	D.17	1 Piece Strut for Con 1/2EMT&Rgd	SK85I		BPC8	
CCS75	D.17	Piece Strut Con, 3/4EMT&Rgd	SK125I		BPC12	
CCS100	D.17	1 Piece Strut for Con 1EMT 1Rgd	SK165I	7031	BPC16	
CCS125	D.17	Pce Strut Con 1 1/4EMT&Rgd	SK205I	70311/4	BPC20	
CCS150	D.17	Pce Strut Con 1 1/2EMT&Rgd	SK245I	7031 1/2	BPC24	
CCS200	D.17	Piece Strut Con 2 1/2EMT&Rgd	SK405I	70221/2	BPC40	
CCS300	D.17	1 Pce Strut Con 3" EMT&Rgd	SK485I	7023	BPC48	
CCS350	D.17	Pce Strut Con 3 1/2EMT&Rgd	SK565I		BPC56	
CCS400	D.17		SK645I			
CCS812D	D.20	Con to Stud 1/2-3/4EMT, 2 1/8Box	CS812D	SSFSS1/2 3/4D	BB38D	
CCSB12	D.16		DC1B			
CCSB16	D.16		CD2B			
CCSB24	D.16		CD3B			
CCSB32	D.16		CD5B			
CCSB40	D.16		CD6B			
CCSB48	D.16					
CCSB64	D.16	CD7B	CD9B	6H9B	BL1490	CD9B
CCSB8	D.16		CDOB			
CCSB200CD18	D.19	Beam Clamp thru 5/8" Flange with 3/4" Conduit Clip	BC200CD1B	-	BL1410C442	

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
CCSBC16B	D.19	Con to Beam , 1EMT, 1/2 Flg	BC16M	SSFBCC1V	BG16C2	
CCSBC812	D.19	Con to Bm Sd 1/2-3/4EMT .5Flg	BC812MSM	SSFBCC1/2 3/4H	BG812C1	
CCSBC812B	D.19	Con to Beam 1/2-3/4EMT 1/2 Flg	BC812M	SSFBCC1/2 3/4V	BG812C2	
CCSC8	D.17	1 Piece Strut for Con, 1/2EMT	SCH8	CX118081EG	B1508	
CCSC12	D.17	Piece Strut CLMP 3/4EMT&1/2Rgd	SCH12	CX118110EG	B1512	
CCSC16	D.17	1 Piece Strut for Con, 1" EMT				
CCSC16S	D.17		SCH16B			
CCSC20	D.17	1 Pce Strut Con 1 1/4EMT 1" Rgd	SCH20	CX118135EG	B1520	
CCSC24S	D.17		SCH32B			
CCSC32S	D.17		SCH24B			
CCSC40S	D.17		SCH48B			
CCSC48S	D.17		SCH66B			
CCSC64S	D.17	Pce Strut Cble/Con 3.8-4.50D 4EMT&Rgd	SCH72B	CH118475EG	B1564S	
CCSC812S	D.17		SCH12B			
CCT6	D.21	Con to T-Grid , 3/8EMT, 14-12-3 MC	6MATA	SSFTCHC3/8	BG6A6	TBKC1
CCT812	D.21	Con to T-Grid , 1/2-3/4EMT	812MATA	SSFTCHC1/2 3/4	BG812A6	812MATA
CCTMC	D.21					
CCW6	D.20	Batwing 3/4-1EMT, 1/2-3/4Rgd	K16		BW16	FS3
CCW8	D.20	Cable/Con 1/2EMT, 1/2Rgd, 12-3 MC	K8		BW8	FS1
CCW12	D.20	Cable/Con 1/2-3/4-1EMT, 1/2-3/4Rgd	K12		BW12	FS2
CCW20	D.20					
CCZ812	D.19	Con to Z Purl 1/2-3/4EMT 0.1Flg	123812M	SSFBZ2C1	BG16F13	
CCZ1236M	D.19	3/8" Conduit to Z Purlin	1236M	-	-	
CGRD	D.17	CGRD Ground Grid Wire Clip	RGC	3900	BM5	

## WALL BRACKETS

LEGRAND	PAGE	DESCRIPTION	CADDY	B-LINE	MINERALLAC	T&B	EPS
CWTBB16	D.23	Telescoping Box Bracket 11"-18"	TSGB16	BB2-16T	-	-	-
CWTBB24	D.23	Telescoping Box Bracket 17"-26"	TSGB24	BB2-24T	-	-	-
CWTBBC	D.23	Box Mounting Clip for CWTBB Slider Bracket	TGLDR1	-	BB2TS	-	-
CWTSB	D.23	Telescoping Support Bracket 16"-27"	TSRBS1625	-	-	SBOADJ	-
FB816	D.25	Concrete Wall Bracket					
W1	D.24	Wall Bracket - 1 opening 5" x 8.5"	TEB23, TEB4, MEB1, H32	BB70	FB0234	-	-
W2	D.24	Wall Bracket - 2 openings 5" x 11"					-
W3	D.24	Wall Bracket - 3 openings 5" x 16.75"	RBS16	BB8-16	-	SB016, H16S	-
W4	D.24	Wall Bracket - 4 openings 5" x 26"	RBS24	BB8-24	-	SB024	-
W34	D.24	Wall Bracket - 3 openings 5" x 26"	-	-	-	-	-
W16SSL	D.24	Wall Bracket - 16" slider	-	BB7-16	-	-	-
W24SSL	D.24	Wall Bracket - 24" slider	-	BB7-24	-	-	-

## CEILING BRACKETS

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
CA12	D.26	T-Grid Box Hgr, 24" T-Grid	512	SSFTH24A	BA12	TBar
CA12A	D.26	Adjust T-Grid Box Hngr, 24" T-Grid	512A		BA50A	
CBXMT	D.27	Box Mnt for Screw Gun Bracket	BHC	SSFTHC	BB27	BHC
CC6MBH	D.26	Box/Con Hgr, 3/8 EMT, 1/4 Hole	6MB18A	SSFCX18C3/8	BG6S18	6MB18A
CC6MBW4	D.27	Box/Con Hgr Wire 3/8EMT 1/4Rod#12 Wr	6MB18		BG6S18W2	6MB18
CC16MBW4	D.27	Box/Con Hngr 1"EMT .25Rod#12Wire				
CC812MB24	D.27	Box/Con Hgr wFlg 1/2-3/4EMT .25Flg	812MB1824	SSFCX18C1/2 3/4H1/4	BG812S18U24	812MB1824
CC812MBH	D.26	Box/Con Hgr, 1/2-3/4EMT, 1/4H	812MB18A	SSFCX18C1/2 3/4	BG812S18	CBS18KC1234
CC812MBS	D.27	Box/Con Hgr 1/2-3/4EMT, w/Screw	812MB18S	SSFCX18C1/2 3/4S	BG812S18S	CBS18KC1234ST
CC812MBW	D.27	Box/Con Hngr 1/2-3/4EMT .25Rod#12Wire	81EMB18		BG812S18W2	CBS18KC1234APS
CC812MBW6	D.27	Box/Con Hgr Wire 1/2-3/4EMT 3/8Rod	812MB186		BG812S18W6	

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
CC1618MBH	D.26	Box/Con Hgr 1EMT 1/4Hole	16MB18A	SSF18C1	BG16S18	CBS18KC1
TEK812	D.27	1/2 Self-Drilling/Tapping Screw, #8				

## FLOOR BRACKETS

LEGRAND	PAGE	DESCRIPTION	CADDY	B-LINE	MINERALLAC	T&B
F112	D.29	1 opening - 12" x 5"	-	-	-	SSF-SV12
F115	D.29	1 opening - 15" x 5"	-	BBF-15, BBF-15C	-	-
F118	D.29	1 opening - 18" x 5"	FMBS18	BBF-18, BBF-18C	-	SSF-SV18
F124	D.29	1 opening - 24" x 5"	-	BBF-24, BBF-24C	-	-
F212	D.29	2 openings - 12" x 5"	-	-	-	-
F215	D.29	2 openings - 15" x 5"	-	-	-	-
F218	D.29	2 openings - 18" x 5"	-	-	-	-
F224	D.29	2 openings - 24" x 5"	-	-	-	-
F312	D.29	3 openings - 12" x 5"	-	-	-	-
F315	D.29	3 openings - 15" x 5"	-	-	-	-
F318	D.29	3 openings - 18" x 5"	-	-	-	H16V18S
F324	D.29	3 openings - 24" x 5"	-	-	-	-
F418	D.29	4 openings - 18" x 5"	-	-	-	-

## PLASTER RINGS

LEGRAND	PAGE	DESCRIPTION	CADDY	B-LINE	MINERALLAC	T&B
APR-1-5/8	D.30	Single Gang 5/8" to 1 1/4"	-	-	-	-
APR-1	D.30	Single Gang 3/4" to 1 1/2"	-	B1AJ	-	-
APR-2	D.30	Two Gang 3/4" to 1 1/2"	-	B2AJ	-	-
APR-3	D.30	3 Gang 3/4" to 1 1/2"	-	B3AJ	-	-
APR-R	D.30	3-0 Round 3/4" to 1 1/2"	-	BRAJ	-	-
CBX1	D.30	Single Gang Mounting Plate w/ Screws				
CBXR	D.30	Single Gang Mounting Plate				
DCP-1	D.30	Single Gang Receptacle 2 #8 -32 screws	-	BPR1	-	-
DCP-2	D.30	Double Gang Receptacle 2 #8 -32 screws	-	BPR2	-	-
DCP-3	D.30	Three Gang Receptacle 2 #8 -32 screws	-	-	-	-
DCP-4	D.30	Four Gang Receptacle 2 #8 -32 screws	-	-	-	-
DCP-1T	D.30	Single Gang Toggle Switch 2 #8 -32 screws	-	BPS1	-	-
DCP-2T	D.30	Double Gang Toggle Switch 2 #8 -32 screws	-	BPS2	-	-
DCP-3T	D.30	Three Gang Toggle Switch 2 #8 -32 screws	-	-	-	-
DCP-4T	D.30	Four Gang Toggle Switch 2 #8 -32 screws	-	-	-	-
DCP-DT	D.30	Double Gang Toggle Switch & Device	-	-	-	-
DCP-1R	D.30	Single Gang Plaster Ring only	-	BPR1	-	-
DCP-2R	D.30	Double Gang Plaster Ring only	-	BPR2	-	-
DCP-3R	D.30	Three Gang Plaster Ring only	-	-	-	-
DCP-4R	D.30	Four Gang Plaster Ring only	-	-	-	-
DCP-R	D.30	3" Round Plaster Ring only	-	-	-	-

## SUPPORTS

LEGRAND	PAGE	DESCRIPTION	CADDY	B-LINE	MINERALLAC	T&B
AR-250-650	D.25, D.29	Adjustable Support Arm 2.5" to 6"	766. JA135,766A, 766PM,766D	-	-	SS1-TB
FB816-D-12CONN	D.25	1/2" EMT Connector	-	-	-	-
FB816-D-34CONN	D.25	3/4" EMT Connector	-	-	-	-
FB816-D-1CONN	D.25	1" EMT Connect	-	-	-	-
T16	D.29	16" Wall brace for floor bracket	TEBS1624	-	-	-
T24	D.29	24" Wall brace for floor bracket	TEBS1624	-	-	-



## CABLOPORT

LEGRAND	PAGE	DESCRIPTION
CP5	D.33	5" Base
CP10	D.33	9.6" Base
CP20	D.33	19.5" Base
CP30	D.33	28.8" Base
CPP5	D.33	5" Base w/ FASP Support
CPP10	D.33	9.6" Base w/ FASP Support
CPP20	D.33	19.5" Base w/ FASP Support
CPP30	D.33	28.8" Base w/ FASP Support
CPPE10-88	D.34	9.6" Extension Series Base w/ 8" FASP Support, 8"H
CPPE10-128	D.34	9.6" Extension Series Base w/ 8" FASP Support, 12" H
CPPE20-818	D.34	19.5" Extension Series Base w/ 18" FASP Support, 8"H
CPPE20-824	D.34	22" Extension Series Base w/ 24" FASP Support, 8"H
CPPE20-1218	D.34	19.5" Extension Series Base w/ 18" FASP Support, 12" H
CPPE20-1224	D.34	19.5" Extension Series Base w/ 24" FASP Support, 12" H
CPPB10-28	D.35	9.6" Bridge Series Base w/ 28" FASP Support
CPS5	D.33	5" Base w/ Strut Support
CPS10	D.33	9.6" Base w/ Strut Support
CPS15	D.33	14.6" Base w/ Strut Support

LEGRAND	PAGE	DESCRIPTION
CPS20	D.33	19.5" Base w/ Strut Support
CPS30	D.33	28.8" Base w/ Strut Support
CPSA10	D.35	6" Base w/ Variable Angle Channel Support, 9.6" W
CPSA20	D.35	6" Base w/ Variable Angle Channel Support, 19.5" W
CPSB10-28	D.35	9.6" Bridge Series Base w/ 28" Strut Support
CPSB10-36	D.35	9.6" Bridge Series Base w/ 36" Strut Support
CPSB10-42	D.35	9.6" Bridge Series Base w/ 42" Strut Support
CPSB10-50	D.35	9.6" Bridge Series Base w/ 50" Strut Support
CPSB10-60	D.35	9.6" Bridge Series Base w/ 60" Strut Support
CPSE10-810	D.34	9.6" Extension Series Base w/ 10" Strut Support, 8" H
CPSE10-1210	D.34	9.6" Extension Series Base w/ 10" Strut Support, 12" H
CPSE20-822	D.34	19.5" Extension Series Base w/ 22" Strut Support, 8" H
CPSE30-828	D.34	28.8" Extension Series Base w/ 28" Strut Support, 8" H
CPSE30-1228	D.34	28.8" Extension Series Base w/ 28" Strut Support, 12" H
CPSME1020	D.34	10" Medium Load Series Base w/ 20" Strut Support
CPSME1030	D.34	10" Medium Load Series Base w/ 30" Strut Support
CPSME1620	D.34	16" Medium Load Series Base w/ 20" Strut Support
CPSME1630	D.34	16" Medium Load Series Base w/ 30" Strut Support

## SEISMIC BRACING

LEGRAND	PAGE	DESCRIPTION
PW-12-CBL	D.37	Red Spool, 12 Gage
PW-18-CBL	D.37	White Spool, 18 Gage
PW-36-CBL	D.37	Blue Spool, 36 Gage
PW-48-CBL	D.37	Yellow Spool, 48 Gage
PW-12-SLV	D.39	(1) BAG of 100 #12 oval sleeves
PW-18-SLV	D.39	(1) BAG of 100 #18 oval sleeves
PW-36-SLV	D.39	(1) BAG of 100 #36 oval sleeves
PW-48-SLV	D.39	(1) BAG of 50 #48 oval sleeves
PW-1-SBHS	D.39	(1) large swager for crimping oval sleeves
PW-12-SBHS	D.39	(1) hand swager for crimping oval sleeves
PW-C7	D.39	(1) Felco cable cutter for #12 and #18 cables
PW-C9	D.39	(1) Felco cable cutter for #12, #18 and #36 cables
PW12-4W38E-5	D.37	Standard Red Kit, 5'
PW12-4W38E-10	D.37	Standard Red Kit, 10'
PW12-4W38E-15	D.37	Standard Red Kit, 15'
PW12-4W38E-20	D.37	Standard Red Kit, 20'
PW18-4W12E-5	D.37	Standard White Kit, 5'
PW18-4W12E-10	D.37	Standard White Kit, 10'
PW18-4W12E-15	D.37	Standard White Kit, 15'
PW18-4W12E-20	D.37	Standard White Kit, 20'
PW36-4W12E-5	D.37	Standard Blue Kit, 5'

LEGRAND	PAGE	DESCRIPTION
PW36-4W12E-10	D.37	Standard Blue Kit, 10'
PW36-4W12E-15	D.37	Standard Blue Kit, 15'
PW36-4W12E-20	D.37	Standard Blue Kit, 20'
PW-NPC-3/8P	D.39	NPC for 3/8" fasteners
PW-NPC-1/2P	D.39	NPC for 1/2" fasteners
PW-NPC-5/8P	D.39	NPC for 5/8" fasteners
PW-NPC-3/4P	D.39	NPC for 3/4" fasteners
PW-QC3/8	D.40	Quick Clip Rod Stiffener
PW-QC1/2	D.40	Quick Clip Rod Stiffener
PW-URC-1/4P	D.39	URC for 1/4" fasteners
PW-URC-3/8P	D.39	URC for 3/8" fasteners
PW-URC-1/2P	D.39	URC for 1/2" fasteners
PW-URC-5/8P	D.39	URC for 5/8" fasteners
PW-URC-3/4P	D.39	URC for 3/4" fasteners
PW-URC-7/8P	D.39	URC for 7/8" fasteners
PW-URCR-3/8P	D.39	URCR for 3/8" fasteners
PW-URCR-1/2P	D.39	URCR for 1/2" fasteners
PW-URCR-5/8P	D.39	URCR for 5/8" fasteners
RS1	D.40	Rod Stiffener
SZMCKIT	D.37	Universal Red Kit, 10'

# PRODUCT NUMBER INDEX

## A WIRE MESH

AB225 KIT.....	52	INSERT.....	43	0228-25.....	67	0950.....	67	1952.....	34	3136.....	47, 75
AS.....	29	INSERTPP.....	43	0228-30.....	67	1000.....	50	1953.....	34	3136-99.....	60, 78
BH75KIT.....	45	OTDO.....	40	0228-40.....	67	1007.....	50	1954.....	34	3212.....	46, 75
C 50.....	25, 51	OTDOFAS.....	40	0253.....	62	1012.....	44, 74	1D69.....	36	3212-99.....	60, 78
C50CC.....	48	PFREDF.....	33	0254.....	62, 78, 84	1024.....	44, 74	1D70.....	36	3224.....	46, 75
CABLEXIT.....	39	RADT 90 12 KIT.....	18	0327.....	85	1036.....	44, 74	1D80.....	36	3224-99.....	60, 78
CABLEXIT50.....	41	RADT 90 KIT.....	18	0328.....	85	1066.....	50	1D81.....	36	3236.....	46, 75
CAT 30.....	25	RADT90RS.....	44	0331.....	85	1104.....	50	1D82.....	36	3236-99.....	60, 78
CAT 41.....	25	RB112KIT.....	27	0339.....	83	1114.....	50	1D83.....	36	3406.....	38
CC KIT.....	48	RHXB.....	45	0345.....	85	1124.....	48	1E45.....	36	3407.....	38
CE 25.....	55	SBDA.....	51	0349.....	84	1140.....	50	1E46.....	36	3408.....	38
CE 35.....	20	SF 50.....	31	0353.....	66	1302.....	52, 77, 83	1E53.....	36	3409.....	38
CE 40.....	20	SF 100.....	31	0356.....	55, 77	1303.....	54	1E54.....	36	3416.....	38
CE40CC.....	49	SON.....	32	0369.....	65	1304.....	54	1E72.....	36	3417.....	38
CF 54.....	10	SWK.....	17	0371.....	65	1305.....	55, 77	1F45.....	36	3445.....	38
CF 105.....	10	TC4KIT.....	50	0373.....	65	1307.....	55, 77	1F46.....	36	3446.....	38
CF 150.....	11	TC5KIT.....	50	0385-10.....	79	1314.....	54, 77	1F53.....	36	3456.....	38
CFG.....	12	TOH.....	52	0385-13.....	79	1320.....	54, 77, 83	1F54.....	36	3476.....	38
CH.....	49	TXF 35.....	13	0385-16.....	79	1331-45.....	83	2000.....	50	3504.....	38
CLIP.....	54	UC 35.....	13	0385-22.....	79	1331-90.....	83	2002.....	50	3505.....	38
CM50I.....	50	UC 50.....	36	0385-28.....	79	1335.....	52	2006.....	50	3514.....	38
COT.....	15	UDO.....	41	0385-34.....	79	1355.....	52	2007.....	50	3515.....	38
COT F.....	15	UFC.....	35	0385-40.....	79	1379.....	52	2012.....	42, 43, 74	3550.....	38
COTFIL50.....	14	UFC550 KIT.....	35	0386.....	79	1385.....	52	2024.....	42, 43, 74	3551.....	38
COTFIL100.....	14	UFCN.....	36	0387.....	79	1386.....	52	2036.....	42, 43, 74	3582.....	38
CRP.....	24	UFS.....	37	0392.....	66	1400.....	51, 76	2066.....	50	3583.....	38
CTXF 35.....	13	UL CLASSIFIED PAINTED		0393.....	65	1410.....	53	2067.....	50	3587.....	38
CVN.....	14	WIRE CABLE TRAY.....	11	0394.....	65	1411.....	51	2104.....	50	3592.....	38
DF.....	33	WMC2LA.....	53	0395.....	65	1423.....	51	2112.....	50	3593.....	38
DROP OUT KIT.....	39	YCKIT.....	49	0402.....	62, 78	1432.....	53	2114.....	50	3594.....	38
EAC KIT.....	19	ZF 150.....	11	0403.....	55, 84	1440.....	51	2124.....	48	3603.....	38
ED 275.....	20			0410.....	84	1441.....	53	2140.....	50	3604.....	38
ED 1100.....	55			0424.....	62	1442.....	53	2224.....	48	3620.....	38
EDF.....	32			0426.....	83	1443.....	53	3000.....	50	3621.....	38
EDRN.....	17			0434.....	62	1444.....	53	3002.....	50	3645.....	38
EDRNT00L.....	17			0440.....	68	1753.....	36	3003.....	50	3701.....	38
EDRSKIT.....	21			0460.....	61	1754.....	36	3005.....	50	3714.....	38
ERD 10.....	33			0461.....	61	1755.....	36	3012.....	41, 72	3722.....	38
EXPANKIT.....	21			0462.....	61	1756.....	36	3017.....	50	3723.....	38
EZ BN.....	55			0463.....	61	1772.....	36	3024.....	41, 72	3724.....	38
EZJB 5/16.....	27			0606-99.....	60, 78	1811-01.....	79	3029.....	50	3734.....	38
EZT 90 KIT.....	19			0709.....	42, 73	1811-02.....	79	3036.....	41, 50, 72	3735.....	38
EZT90RS.....	44			0712.....	42, 73	1811-03.....	79	3038.....	50	3738.....	38
EZVC.....	54			0718.....	42, 73	1818.....	67	3039.....	50	3739.....	38
FAS C.....	30			0724.....	42, 73	1852.....	61	3040.....	50	3754.....	38
FAS L.....	24			0730.....	42, 73	1853.....	53	3041.....	50	3756.....	38
FAS P.....	29			0736.....	42, 73	1864.....	55, 77	3042.....	50	3760.....	38
FAS PCH.....	30			0809.....	42, 73	1866-01.....	63, 79	3050.....	50	3D58.....	38
FAS ROLLER.....	55			0812.....	42, 73	1866-02.....	63, 79	3070.....	50	3D63.....	38
FAS U.....	23			0818.....	42, 73	1866-03.....	63, 79	3076.....	50	3D82.....	38
FS 41.....	53			0824.....	42, 73	1873-02.....	67	3112.....	47, 50, 75	3D85.....	38
FV.....	26			0830.....	42, 73	1873-03.....	67	3112-99.....	60, 78	3D92.....	38
GNDCL.....	47			0836.....	42, 73	1873-04.....	67	3113.....	50	3D93.....	38
GNSDB.....	47			0925.....	53	1893-01.....	63, 79	3117.....	50	3F35.....	38
HB 2 KIT.....	26			0926.....	53	1893-02.....	63, 79	3124.....	47, 75	3F58.....	38
HTB.....	45			0930.....	61	1893-03.....	63, 79	3124-99.....	60, 78	3F61.....	38
HXB.....	45			0941-G.....	78	1899-01.....	64	3128.....	50	3F66.....	38
				0941-Q.....	78	1899-02.....	64	3131.....	50	3F67.....	38

## B LADDER TRAY

0010-99.....	78
0012-99.....	60
0109.....	42, 73
0112.....	42, 73
0118.....	42, 73
0124.....	42, 73
0130.....	42, 73
0136.....	42, 73
0215.....	66
0216.....	66
0226-05.....	67
0226-06.....	67
0226-10.....	67
0226-11.....	67
0226-12.....	67
0226-20.....	67
0226-25.....	67
0226-30.....	67
0226-40.....	67
0228-05.....	67
0228-06.....	67
0228-10.....	67
0228-11.....	67
0228-12.....	67
0228-20.....	67

3F68.....	38	8200.....	78	DS-8926-01-S6.....	59	FTCHC.....	15	CC6W34.....	14	CJBW.....	14
3F85.....	38	8204.....	81	DS-8927-01-GE.....	59	FTEF.....	11	CC812.....	16, 18	CJC14.....	11
4024.....	45	8945.....	64	DS-8927-01-S6.....	59	FTFB45.....	12	CC812DB.....	19	CJFMP.....	11
4124.....	45	9012.....	40, 72, 82	DS-8930-01-S6.....	61	FTFB90.....	12	CC812MB.....	26, 27	CJSSBC.....	10
4512.....	41, 72	9024.....	40, 72	DS-8930-01-ZN.....	61	FTFCL.....	19	CC812ST.....	20	CJZ14.....	11
4524.....	41, 72	9036.....	40, 72	DS-8935-PL.....	76, 78	FTHDCL.....	19	CC812T.....	16	CMBCC.....	13
4536.....	41, 72	90SP.....	29	EXSP.....	28	FTRB.....	16	CC812W.....	20	CP.....	33
4612.....	47, 75	9112.....	47, 75, 82	F-1852-PL.....	78	FIT.....	11	CCBW.....	14	CPC1248B.....	19
4612-99.....	60, 78	9112-99.....	60, 78	FCC.....	26	FTUMP.....	20	CCBX.....	15	CPP.....	33
4624.....	47, 75	9124.....	47, 75	FFSP.....	29	FTUS.....	10	CCJ6.....	14	CPPB10-28.....	35
4624-99.....	60, 78	9124-99.....	60, 78	FSP.....	28	FTV90.....	13	CCMC.....	14, 15	CPPE.....	34
4636.....	47, 75	9136.....	47, 75	FWPS.....	31	FTV090.....	13	CCMCS.....	14	CPS.....	33
4636-99.....	60, 78	9136-99.....	60, 78	GALLON.....	78	JP.....	22	CCMCST.....	15	CPSA.....	35
4712.....	46, 75	9212.....	46, 75, 82	HASP.....	29	PFREDF.....	18	CCP12.....	16	CPSB10.....	35
4712-99.....	60, 78	9212-99.....	60, 78	IP34.....	30	THRD.....	23	CCP1224.....	19	CPSE.....	34
4724.....	46, 75	9224.....	46, 75	OCK.....	31	THRDPT.....	23	CCP1224B.....	19	CPSME.....	34
4724-99.....	60, 78	9224-99.....	60, 78	ORSP.....	29	VT.....	9	CCP1258.....	19	CSTRP.....	13
4736.....	46, 75	9236.....	46, 75	P-0949-01.....	61			CCP12912B.....	19	CSTRPH.....	13
4736-99.....	60, 78	9236-99.....	60, 78	PCC.....	26			CCP12P12.....	16	CWTBB.....	23
4812.....	34	9312.....	48	PCT.....	26	<b>D FASTENERS</b>		CCP12W4.....	21	CWTBBC.....	23
4823.....	34	9324.....	48	QUART.....	78	APR.....	30	CCP1624.....	19	CWTSB.....	23
4904.....	34	9336.....	48	RHSP.....	30	AR.....	25, 29	CCP1624B.....	19	DCP.....	30
4A12B.....	16	A457.....	36	SON 1/2.....	64	BAH416.....	21	CCP1624B.....	19	DS.....	31
4A12C.....	16	A639.....	36	SON 1/4.....	64	C41.....	12	CCP16812M.....	16	ETC.....	13
4A20B.....	16	A802-01.....	64	SON 3/8.....	64	CA.....	21	CCP16W4.....	21	EZ CN.....	31
5A12C.....	16	A803.....	59	SRSP.....	29	CAAC.....	21	CCP8.....	16	EZ FW.....	31
5A20B.....	16	A804.....	59	SSP.....	28	CAC.....	19	CCP824.....	19	EZ HN.....	31
6012.....	40	A805.....	59	TBC.....	30	CAC812.....	20	CCP858B.....	19	F.....	29
6024.....	40	A806.....	59	USP.....	28	CACPB.....	20	CCP8P12.....	16	FASCLM KIT.....	12
6036.....	40	A807.....	59	USPB.....	28	CBC.....	10	CCP8P8.....	16	FB816.....	25
6112.....	47	A808.....	59	VASP.....	29	CBCC.....	12	CCP8W4.....	21	FB816-D.....	25
6112-99.....	60	A809.....	59	VHSP.....	28	CBCHD.....	13	CCPNAM.....	19	PW.....	39
6124.....	47	A810.....	59	WMC 2LA.....	63	CBCLD.....	12	CCPSBC812B.....	19	PW-C.....	39
6124-99.....	60	A814.....	59	WPS.....	31	CBUNI.....	11	CCS.....	17	PW-NPC.....	39
6136.....	47	A823-01.....	85			CBCUNJ.....	11	CCS812D.....	20	PW-URC.....	39
6136-99.....	60	A824-01.....	85	<b>C TROUGH TRAY</b>		CBCWD.....	10	CCSB.....	16	PW-URCR.....	39
6212.....	46	A833.....	63	BTRCC6X12.....	23	CBCXHD.....	13	CCSB200CD1B.....	19	PW12-4W38E.....	37
6212-99.....	60	A836.....	64	CA.....	23	CBX1.....	30	CCSBC.....	19	PW18-4W12E.....	37
6224.....	46	A837.....	64	COT 54/105.....	21	CBXMT.....	27	CCSC.....	17	PW36-4W12E.....	37
6224-99.....	60	A838-01.....	85	COT J.....	21	CBXR.....	30	CCT.....	21	SON.....	31
6236.....	46	A839-01.....	85	DF.....	18	CC12PF.....	20	CCW4.....	14	T.....	29
6236-99.....	60	A840-01.....	67	ECLI.....	23	CC16.....	16	CCW.....	20	TEK812.....	27
6A12C.....	16	A842-01.....	85	EDF.....	17	CC1618MBH.....	26	CCWH.....	15	THRD.....	31
6A20B.....	16	A843-01.....	85	ERD 10.....	18	CC16.....	18	CCZ1224TI.....	11	THRDPT.....	31
6A20C.....	16	A844-01.....	85	EZ BN.....	23	CC16MBW4.....	27	CCZ1226TI.....	11	W.....	24
6A24C.....	16	A845.....	63	EZ CN.....	23	CC16W4.....	20	CCZ.....	19	W16SSL.....	24
7130.....	76	BE.....	30	EZ FW.....	23	CC2024.....	18	CGRD.....	17	W24SSL.....	24
7400.....	70	BJ.....	59	EZ HN.....	23	CC2424.....	18	CJ12.....	4	W34.....	24
7615.....	70	COTJ-316.....	61	FAS L.....	16	CC24S.....	11	CJ16HP.....	6, 7		
7625.....	70	COTJ-PG.....	61	FAS U.....	17	CC3224.....	18	CJ21.....	4, 7		
7A12C.....	16	DIV.....	30	FT.....	8	CC4TI.....	11	CJ24.....	11		
7A20B.....	16	DO.....	30	FTAS.....	16	CC4TIBDB.....	19	CJ32.....	4, 6, 7		
7A20C.....	16	DS-1841-ZN.....	48	FTBE.....	22	CC6.....	16	CJ48HP.....	6, 7		
7A24C.....	16	DS-8576-01-S6.....	59	FTBP.....	22	CC624.....	18	CJ4T.....	6		
7D20.....	70	DS-8576-02-GE.....	59	FTCC.....	20	CC624B.....	18	CJ58.....	11		
7F20.....	70	DS-8600-01-GE.....	59	FTCF.....	20	CC658B.....	18	CJ64.....	4, 7		
7F24.....	70	DS-8600-01-S6.....	59	FTCFCL.....	19	CC6MBH.....	26	CJ912.....	11		
8104.....	81	DS-8926-01-GE.....	59	FTCH.....	15	CC6MBW4.....	27	CJBC.....	10		



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