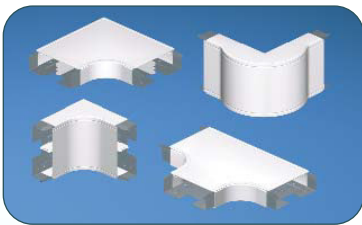


## PAN-WAY® METAL RACEWAY

Pan-Way® Metal Raceway is a series of single and multi-channel solutions for routing, protecting, concealing and terminating power wire and high performance copper, voice, video or fiber optic cable. Panduit metal raceway is designed with labor saving features to increase productivity and lower installed costs, while incorporating benefits of increased safety and cable protection. Pan-Way® Metal Raceway is an innovative routing solution that offers superior benefits over competitive systems:



Pan-Way® Metal Raceway systems include a complete assortment of fittings, junction boxes, faceplates and accessories. They are available in white and almond color to match any decor and most popular electrical outlets. Systems are optimized for use with Panduit® Mini-Com® Modules for complete connectivity possibilities.

### PMR5 and PMR7 Single Channel Metal Raceway

- Raceway system features a patent pending bonding design that provides full continuity of the ground path between fittings and channel, for increased electrical safety
- System components incorporate an innovative snap-mount assembly method for fast installations, resulting in measurable contractor labor savings
- Fittings and mounts can be attached using various types and sizes of fasteners, eliminating the requirements of using only flat head style screws
- One-piece channel construction eliminates the problem of channel separation, associated with competitive two-piece designs, saving installation time

### PMR40 Multi-Channel Metal Raceway

- Raceway accepts standard double gang faceplates for increased termination options and reduced number of components
- System includes optional faceplates and fittings to support high performance Category 6A copper and fiber optic cabling terminations
- Full capacity 2 inch bend radius fittings provide necessary cable protection without restricting channel capacity

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B2.  
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## PMR40 Raceway Roadmap

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Management

D1.  
Terminals

D2.  
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Connectors

D3.  
Grounding  
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E1.  
Labeling  
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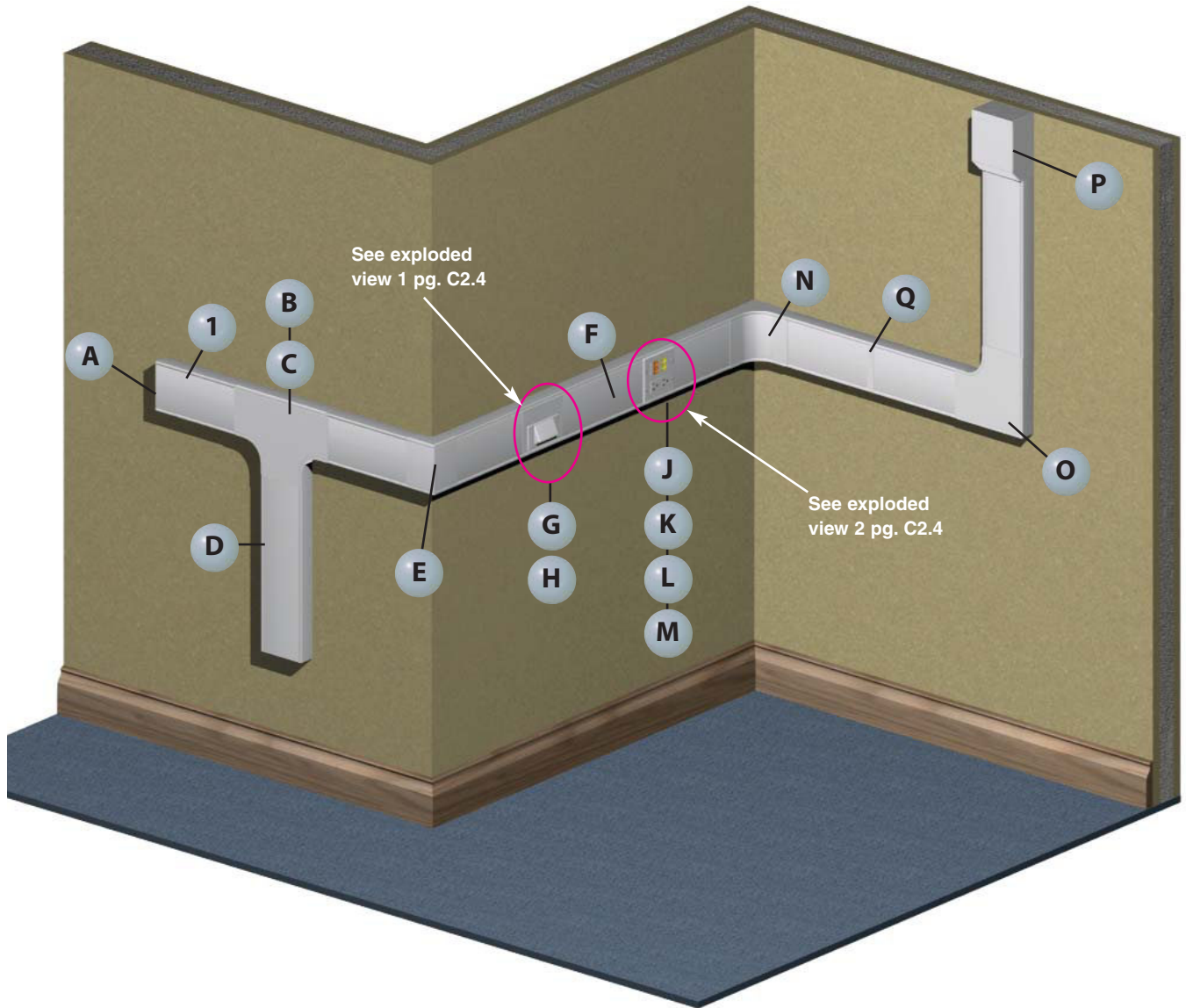
E2.  
Labels

E3.  
Pre-Printed  
& Write-On  
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E4.  
Permanent  
Identification

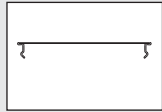
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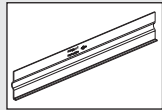




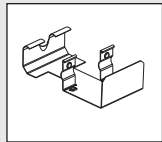
**1** PMR40\*\* – PMR40 Metal Raceway (page C2.5)



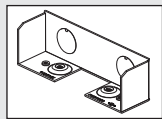
**1** PMR40C\*\* – PMR40 Cover (page C2.5)



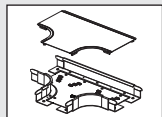
**1** PMR40DW\* – PMR40 Divider Wall (page C2.5)



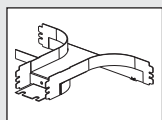
**1** PMR40DC-X – PMR40 Divider Clip (page C2.5)



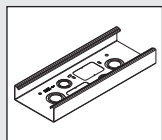
**A** PMR40EC\*\* – End Cap (page C2.6)



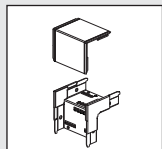
**B** PMR40T\*\* – Tee Fitting (page C2.6)



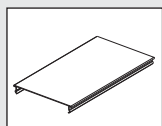
**C** PMR40TD50 – Tee Divider Insert (page C2.6)



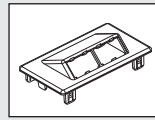
**D** PMR40BF\*\* – Backfeed Fitting (page C2.6)



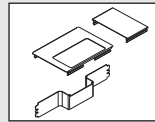
**E** PMR40SOC\*\* – Outside Corner (no bend radius) (page C2.6)



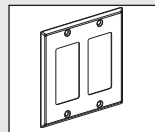
**F** PMR40C\*\*7.5 – Pre-Cut Cover for mounting devices on 12" centers (page C2.5)



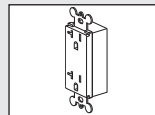
**G** PMR40FH4\*\* – Horizontal Sloped Communication Faceplate (page C2.6)



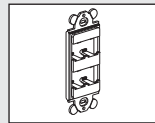
**H** PMR40DP50\*\* – PMR40 50/50 Data Plate (page C2.6)



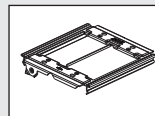
**J** MP2GR\*\* – Double Gang Rectangular Faceplate (page C2.17)



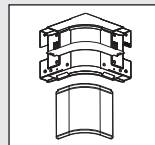
**K** ERU20\*\* – 20 A Specification Grade Rectangular Outlet (page C2.61)



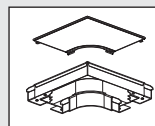
**L** CFG4 – Mini-Com® Frame (see SA-NCCB51)



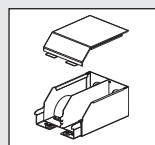
**M** PMR40DB50 – Device Bracket (page C2.6)



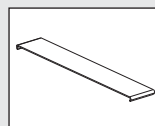
**N** PMR40IC\*\* – Inside Corner (page C2.6)



**O** PMR40RA\*\* – Right Angle (page C2.5)



**P** PMR40EE\*\* – Entrance End (page C2.6)



**Q** PMR40SC\*\*-X – Seam Clip (page C2.5)

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## PMR40 Configurations

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### Exploded View 1

	Components Required	See page
A.	PMR40FH4 = Horizontal sloped communication faceplate.	C2.6
B.	PMR40DP50** = PMR40 50/50 data plate and offset divider wall.	C2.6
C.	Mini-Com® Modules.	—

B2.  
Cable  
Accessories

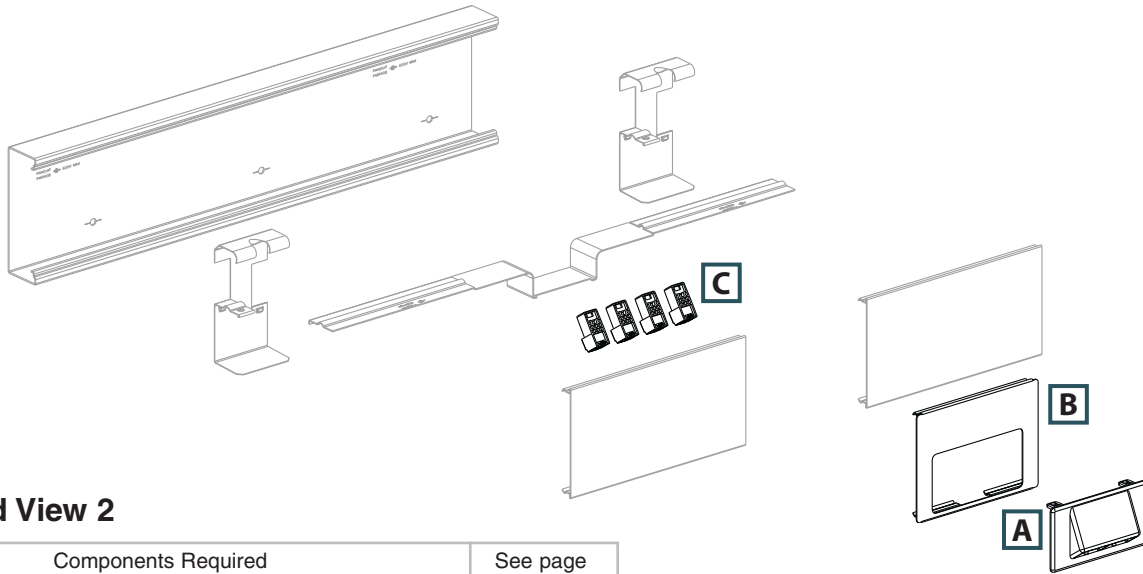
B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management



D1.  
Terminals

### Exploded View 2

	Components Required	See page
A.	MP2GR** = Double gang rectangular faceplate.	C2.17
B.	ERU20** = 20 V specification grade rectangular outlet.	C2.61
C.	CFG4 = Mini-Com® Frame.	—
D.	Mini-Com® Modules.	—
E.	PMR40DB50 = Device bracket.	C2.6

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

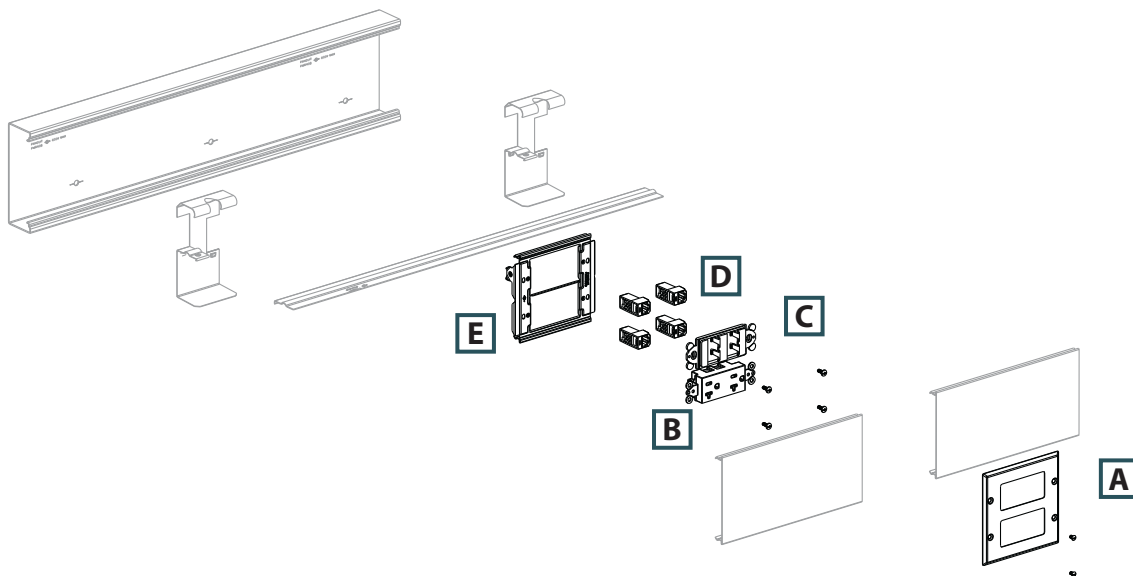
E2.  
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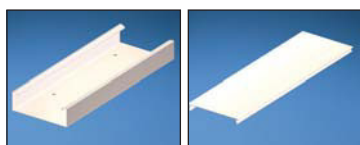
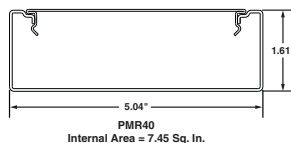
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## Pan-Way® PMR40 Metal Raceway System

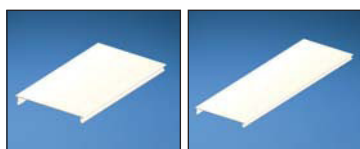
- c-UL-us listed and rated to 600 V; meets UL 5 and CSA22.2 No. 62-93 safety standards
- Raceway accepts standard double gang faceplates for increased termination options and reduced number of components
- System includes optional faceplates and fittings to support high performance Category 6A copper and fiber optic cabling terminations

- Full capacity 2 inch bend radius fittings provide necessary cable protection without restricting channel capacity
- Supplied with pre-punched mounting holes



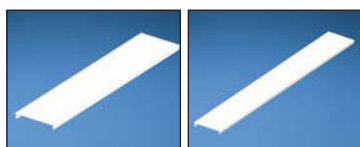
PMR40B

PMR40C



PMR40C\*\*\*

PMR40C\*\*\*



PMR40C\*\*\*

PMR40C\*\*\*



PMR40DW5

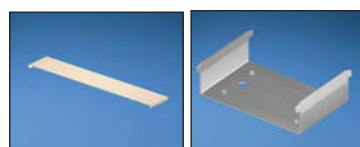
PMR40DC

Part Number	Part Description	Raceway Size	Color‡	Length Ft.	Std. Pkg. Qty.
<b>PMR40 Metal Raceway Base</b>					
<b>PMR40BWH10</b>	PMR40 raceway base available in 10' lengths. Supplied with pre-punched mounting holes.	5.04" x 1.61" (128.0mm x 40.9mm)	White	10	10
<b>PMR40 Metal Raceway Cover</b>					
<b>PMR40CWH5</b>	PMR40 raceway cover available in 5' lengths.	—	White	5	5
<b>PMR40 Metal Raceway Pre-cut Covers</b>					
<b>PMR40CWH7.75</b>	7.75" pre-cut cover. To be used with PMR40 raceway for mounting devices on 12" centers.	—	White	—	1
<b>PMR40CWH13.75</b>	13.75" pre-cut cover. To be used with PMR40 raceway for mounting devices on 18" centers.	—	White	—	1
<b>PMR40CWH19.75</b>	19.75" pre-cut cover. To be used with PMR40 raceway for mounting devices on 24" centers.	—	White	—	1
<b>PMR40CWH31.75</b>	31.75" pre-cut cover. To be used with PMR40 raceway for mounting devices on 36" centers.	—	White	—	1
<b>PMR40 Metal Raceway Divider Wall</b>					
<b>PMR40DW5</b>	PMR40 divider wall snaps into PMR40DC-X to create separate channels. Must use wire retainers to ensure channel separation per UL/CSA. Available in 5' lengths.	—	Gray	5	5
<b>PMR40 Metal Raceway Divider Wall Clip</b>					
<b>PMR40DC-X</b>	Divider wall clip. Required for supporting PMR40DW. 30" spacing recommended between clips.	—	Gray	—	10

‡For other colors replace WH (White) with AL (Almond). Order number of feet required in multiples of standard carton quantity. Order raceway base and cover separately.

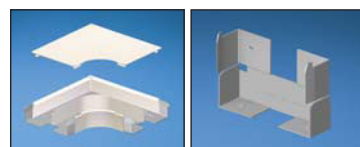
## Pan-Way® PMR40 Metal Raceway Fittings

- PMR40 fittings are designed to exceed the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems



PMR40SCWH-X

PMR40BC



PMR40RA

PMR40SIC

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>PMR40SCWH-X</b>	Seam clip. Used to join sections of PMR40 raceway.	White	10	100
<b>PMR40BC</b>	Base coupler. Used to join sections of PMR40 raceway base.	Gray	10	100
<b>PMR40RAWH</b>	Right angle fitting. Used to join sections of PMR40 raceway at right angles.	White	1	10
<b>PMR40SIC</b>	Inside corner fitting w/out bend radius control. Used to join sections of PMR40 raceway at inside corners.	Gray	1	10

‡For other colors replace WH (White) with AL (Almond).

Table continues on page C2.6

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B2. Cable Accessories

B3. Stainless Steel Ties

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C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

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A. System Overview

 **Pan-Way® PMR40 Metal Raceway Fittings (continued)**

B1. Cable Ties



**PMR40IC**



**PMR40I45E**

B2. Cable Accessories

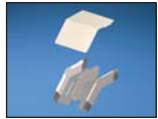


**PMR40SOC**



**PMR40OC**

B3. Stainless Steel Ties



**PMR40E45E**



**PMR40T**

C1. Wiring Duct

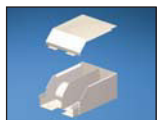


**PMR40TD50**



**PMR40EC**

C2. Surface Raceway



**PMR40EE**



**PMR40TR**

C3. Abrasion Protection



**PMR40BF**



**PMR40PC**

C4. Cable Management



**PMR40ICC**

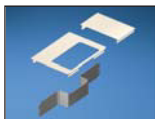


**PMR40WR**

D1. Terminals

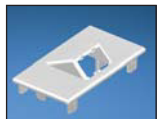


**PMR40DB50**

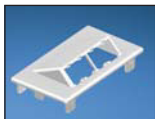


**PMR40DP50**

D2. Power Connectors

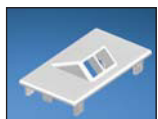


**PMR40FH2**



**PMR40FH4**

D3. Grounding Connectors



**PMR40KH2**



**PMR40KH4**

E1. Labeling Systems



**RBFIWH**

E2. Labels

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Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>PMR40ICWH</b>	Inside corner fitting. Used to join sections of PMR40 raceway at inside corners.	White	1	10
<b>PMR40I45EWH</b>	Internal 45° elbow fitting. Used to join sections of PMR40 raceway at 45° inside corners.	White	1	10
<b>PMR40SOCWH</b>	Outside corner fitting without bend radius control. Used to join sections of PMR40 raceway at outside corners.	White	1	10
<b>PMR40OCWH</b>	Outside corner fitting. Used to join sections of PMR40 raceway at outside corners.	White	1	10
<b>PMR40E45EWH</b>	External 45° elbow fitting. Used to join sections of PMR40 raceway at 45° outside corners.	White	1	10
<b>PMR40TWH</b>	Tee fitting. Used to join sections of PMR40 raceway at tee intersections.	White	1	10
<b>PMR40TD50</b>	Tee divider insert for a 50/50 data/power split. Maintains a 50/50 channel separation for power and data applications.	Gray	1	10
<b>PMR40ECWH</b>	End cap fitting. Used to terminate or allow entry into PMR40 raceway. Breakouts for 1/2" conduit.	White	1	10
<b>PMR40EEWH</b>	Entrance end fitting. Breakouts for 3/4", 1", and 1 1/4" conduit which allows entry from ceiling or wall.	White	1	10
<b>PMR40TRWH</b>	WIREMOLD* to PMR40 transition fitting. In-line transition fitting from WIREMOLD* 4000 series to PMR40 raceway.	White	1	10
<b>PMR40BFWH</b>	Backfeed fitting. Allows cable entry through the back of the PMR40 raceway. Two round breakouts for 1/2", 3/4" and 1" conduit, two round breakouts for 3/4", 1", and 1 1/4" conduit and two 1 11/16" X 2 9/16" rectangular breakouts.	White	1	10
<b>PMR40PCWH</b>	Panel connector. To connect PMR40 raceway with surface type panel boxes.	White	1	10
<b>PMR40ICC</b>	Internal corner coupling.	Gray	1	10
<b>PMR40WR-X</b>	Wire retainer. Used to hold wires in place during installation.	Gray	10	100
<b>PMR40DB50</b>	Device mounting bracket 50/50 split. Used to mount NEMA standard single gang electrical outlets and communication devices with either screw-on or snap-on single gang faceplates.	Gray	1	10
<b>PMR40DP50WH</b>	PMR40 data plate for mounting data faceplates PMR40FH2, PMR40FH4, PMR40KH2 or PMR40KH4 when a 50/50 split channel is used in the PMR40 base. Includes data plate, 2.50" pre-cut cover, and offset divider wall.	White	1	10
<b>PMR40FH2WH</b>	Snap-on horizontal sloped communication faceplate. Accepts two Panduit® Mini-Com® Modules (not included). Note: Customer needs to purchase PMR40DP50WH.	White	1	10
<b>PMR40FH4WH</b>	Snap-on horizontal sloped communication faceplate. Accepts four Panduit® Mini-Com® Modules (not included). Note: Customer needs to purchase PMR40DP50WH.	White	1	10
<b>PMR40KH2WH</b>	Snap-on horizontal sloped communication faceplate. Accepts two Keystone modules (not included). Note: Customer needs to purchase PMR40DP50WH.	White	1	10
<b>PMR40KH4WH</b>	Snap-on horizontal sloped communication faceplate. Accepts four Keystone modules (not included). Note: Customer needs to purchase PMR40DP50WH.	White	1	10
<b>RBFIWH</b>	Rectangular blank faceplate. Snap-in insert for any NEMA standard rectangular opening in metal raceway faceplates. Reserves the location for future use.	White	1	10

‡For other colors replace WH (White) with AL (Almond).

\*WIREMOLD is a registered trademark of the Wiremold Co.

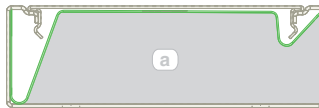
## Cable Fill Capacities for PMR40 Metal Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.



**A = 7.45 in.<sup>2</sup>**

**Cable fill #1:** Open channel without devices



**A = 6.18 in.<sup>2</sup>**

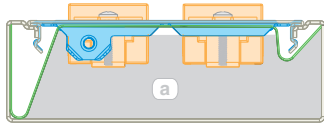
**Cable fill #2:** Undivided, wire retainer only



**A = 2.64 in.<sup>2</sup>**

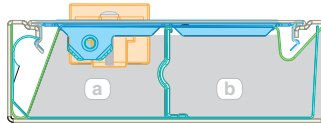
**B = 3.04 in.<sup>2</sup>**

**Cable fill #3:** Divided with wire retainer



**A = 4.64 in.<sup>2</sup>**

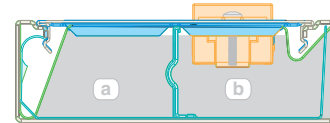
**Cable fill #4:** Undivided with duplex receptacle on two sides



**A = 1.87 in.<sup>2</sup>**

**B = 2.84 in.<sup>2</sup>**

**Cable fill #5:** Divided with duplex receptacle on (A) side



**A = 2.49 in.<sup>2</sup>**

**B = 2.21 in.<sup>2</sup>**

**Cable fill #6:** Divided with duplex receptacle on (B) side

**SPEC = 40% cable fill** – Recommended by TIA/EIA-569-B for design.

**MAX for 60% cable fill** – Recommended by TIA/EIA-569-B for unplanned additions.

**MAX for 40% power cable fill** – Based on available internal area.

Raceway Type and Configuration	Fill Area (in <sup>2</sup> )	Electrical Cables			Data Grade Cables		Data Grade Cables		Audio/Video	
		14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6	
		THHN/T90			Cat. 6		Cat. 6A			
		0.111	0.130	0.164	DIA. = 0.250		DIA. = 0.330		DIA. = 0.275	
		FILL			FILL		FILL		FILL	
		MAX 40%	MAX 40%	MAX 40%	SPEC 40%	MAX 60%	SPEC 40%	MAX 60%	SPEC 40%	MAX 60%
1. PMR40 - Undivided (base and cover)	7.45	307	224	140	60	91	34	52	50	75
2. PMR40 - Undivided, wire retainer only	6.18	255	186	117	50	75	28	43	41	62
3a. PMR40 - Divided, with wire retainer	2.64	109	79	50	21	32	12	18	17	26
	3b. PMR40 - Divided, with wire retainer	3.04	125	91	57	24	37	14	21	30
4. PMR40 - Undivided with duplex receptacle 2 sides	4.64	191	139	87	—	—	—	—	—	—
5a. PMR40 - Divided with duplex receptacle on (A) side	1.87	78	57	36	—	—	—	—	—	—
	5b. PMR40 - Divided with duplex receptacle on (A) side	2.84	—	—	—	23	34	13	19	19
6a. PMR40 - Divided with duplex receptacle on (B) side	2.49	—	—	—	20	30	11	17	16	25
	6b. PMR40 - Divided with duplex receptacle on (B) side	2.21	91	66	41	—	—	—	—	—

AWG dimensions represent typical outer cable diameter in inches.

A.  
System  
Overview

## PMR5/7 Raceway Roadmap

B1.  
Cable Ties

B2.  
Cable  
Accessories

B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

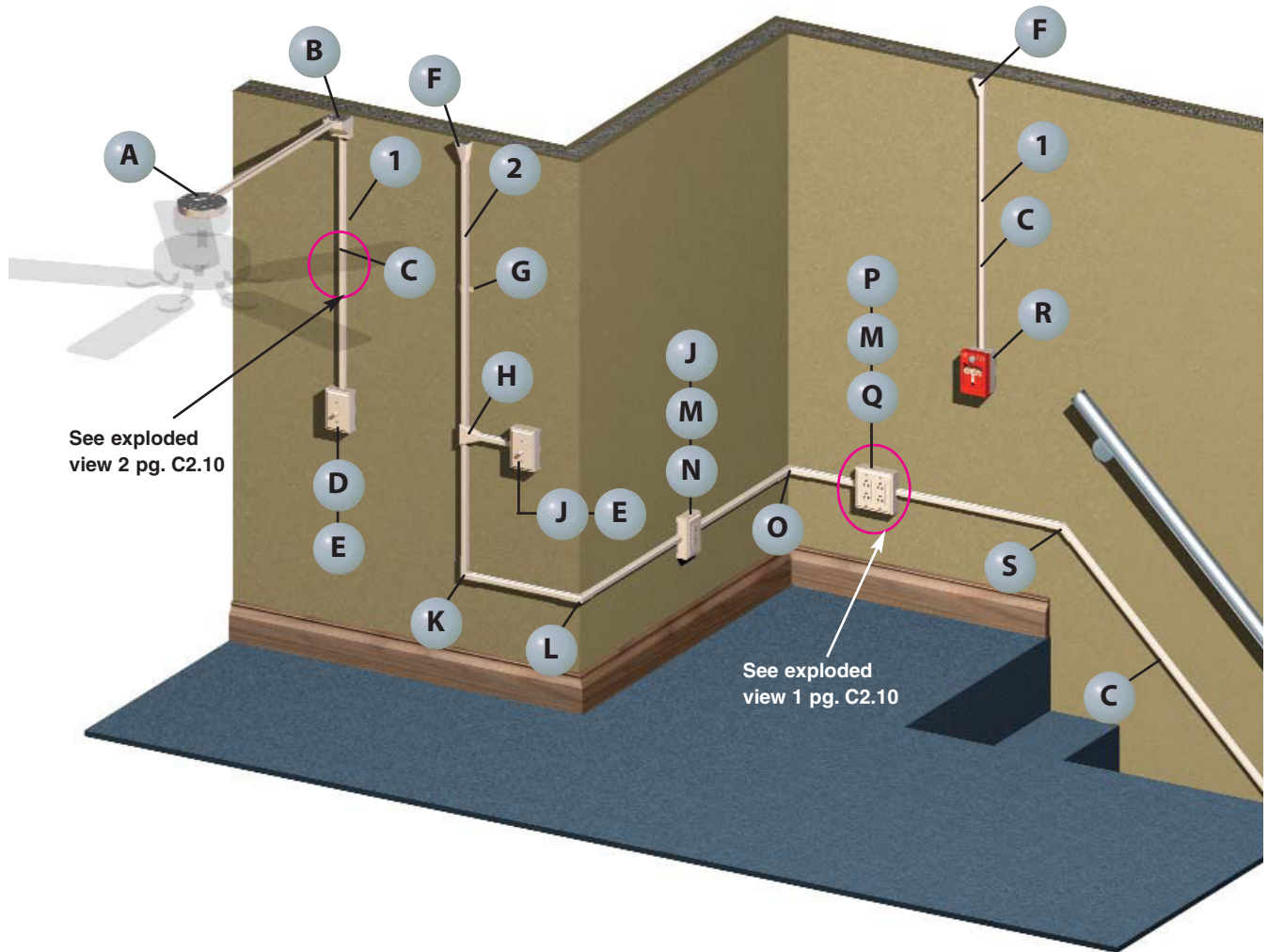
E2.  
Labels

E3.  
Pre-Printed  
& Write-On  
Markers

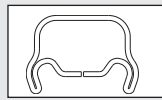
E4.  
Permanent  
Identification

E5.  
Lockout/  
Tagout  
& Safety  
Solutions

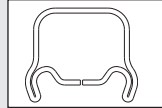
F.  
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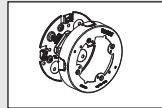




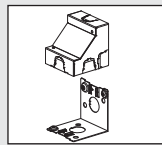
**1** PMR5\*\* – PMR5 Metal Raceway (page C2.11)



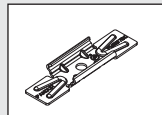
**2** PMR7\*\* – PMR7 Metal Raceway (page C2.11)



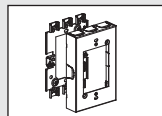
**A** PMR5738A\*\* – Round Fan/Fixture Box (page C2.16)



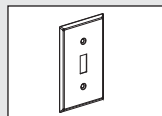
**B** PMR57CB\*\* – Corner Box (page C2.12)



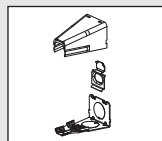
**C** PMR57SC-X – Supporting Clip (page C2.11)



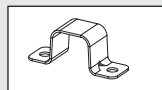
**D** PMR5751\*\* – Single Gang Extension Box (page C2.15)



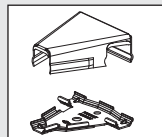
**E** MP1TS\*\* – Single Gang Toggle Switch Faceplate (page C2.17)



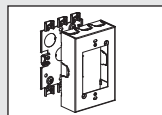
**F** PMR57EE\*\* – Entrance End Fitting (page C2.12)



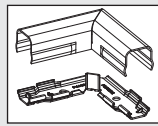
**G** PMR7MS\*\* – Mounting Strap (page C2.11)



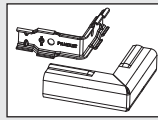
**H** PMR57T\*\* – Tee Fitting (page C2.12)



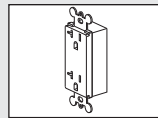
**J** PMR5747\*\* – Single Gang Shallow Outlet Box (page C2.15)



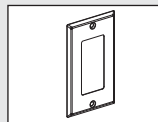
**K** PMR7RA\*\* – Right Angle Fitting (page C2.12)



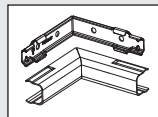
**L** PMR7OC\*\* – Outside Corner Fitting (page C2.12)



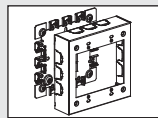
**M** ERU20\*\* – 20 A Specification Grade Rectangular Outlet (page C2.61)



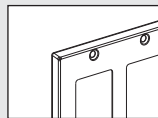
**N** MP1GR\*\* – Single Gang Rectangular Faceplate (page C2.17)



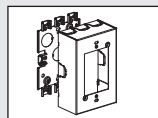
**O** PMR7IC\*\* – Inside Corner Fitting (page C2.12)



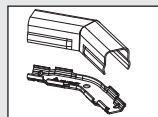
**P** PMR5747-2\*\* – Double Gang Shallow Outlet Box (page C2.15)



**Q** MP2GR\*\* – Double Gang Rectangular Faceplate (page C2.17)



**R** PMR5748\*\* – Single Gang Outlet Box (page C2.15)



**S** PMR7DA\*\* – Diagonal 45° Angle Fitting (page C2.12)

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B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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A.  
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Overview

## PMR5/PMR7 Configurations

B1.  
Cable Ties

### Exploded View 1

	Components Required	See page
A.	MP2GR = Double gang rectangular faceplate.	C2.17
B.	ERU20 = 20 A Specification rectangular outlet.	C2.61
C.	PMR5747-2 = Double gang deep outlet box.	C2.15

B2.  
Cable  
Accessories

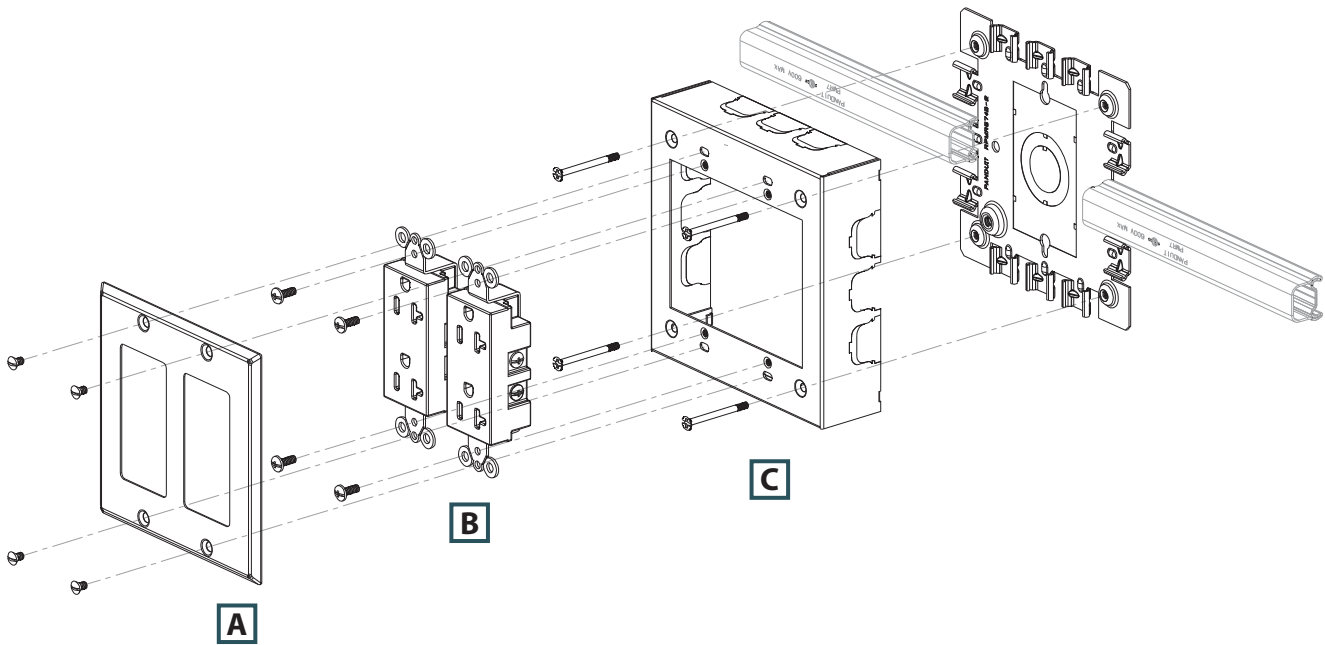
B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management



D1.  
Terminals

D2.  
Power  
Connectors

### Exploded View 2

	Components Required	See page
A.	PMR57SC-X = Supporting clip.	C2.11
B.	PMR7*** = PMR7 metal raceway.	C2.11

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

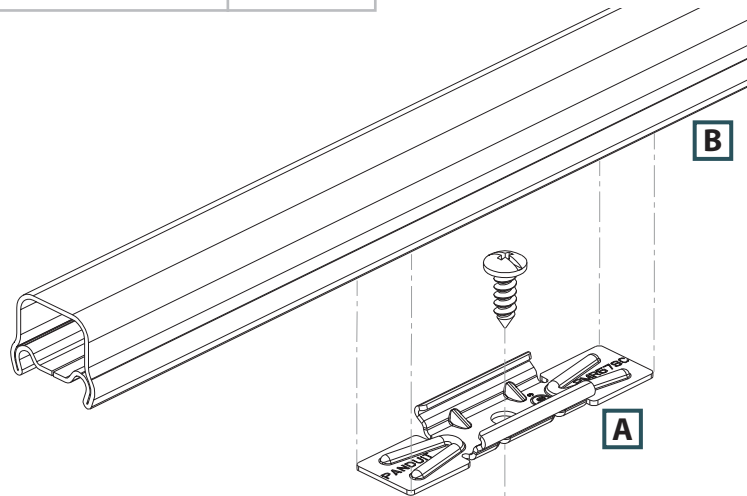
E2.  
Labels

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& Write-On  
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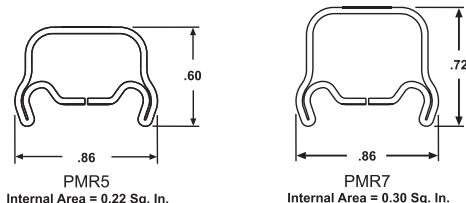
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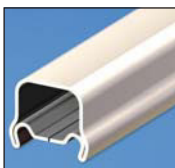
## c-UL-us Pan-Way® PMR5/PMR7 Metal Raceway System

- c-UL-us listed and rated to 600 V; meets UL 5 and CSA22.2 No. 62-93 safety standards
- Raceway system features a patent pending bonding design that provides full continuity of the ground path between fittings and channel, for increased electrical safety
- System components incorporate a unique snap mount assembly method for faster installation

- Fittings and mounts can be attached using various types and sizes of fasteners, eliminating the requirements of using only flat head style screws
- One-piece channel construction eliminates the problem of channel separation, associated with competitive two-piece designs, saving installation time



PMR5



PMR7



PMR57SC

PMR57JC



PMR57GC

PMR5WPB  
PMR7WPB



PMR5MS  
PMR7MS

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>PMR5 Metal Raceway</b>						
<b>PMR5WH5</b>	One-piece single channel metal surface raceway. Available in 5' lengths.	0.86" x 0.60" (21.8mm x 15.2mm)	White	5	5	50
<b>PMR5WH10</b>	One-piece single channel metal surface raceway. Available in 10' lengths.	0.86" x 0.60" (21.8mm x 15.2mm)	White	10	10	100
<b>PMR7 Metal Raceway</b>						
<b>PMR7WH5</b>	One-piece single channel metal surface raceway. Available in 5' lengths.	0.86" x 0.72" (21.8mm x 18.3mm)	White	5	5	50
<b>PMR7WH10</b>	One-piece single channel metal surface raceway. Available in 10' lengths.	0.86" x 0.72" (21.8mm x 18.3mm)	White	10	10	100
<b>PMR7 Metal Raceway</b>						
<b>PMR57SC-X</b>	Supporting clip used to support lengths of PMR5 or PMR7 raceway at any desired point.	—	Gray	—	10	100
<b>PMR7 Metal Raceway</b>						
<b>PMR57JC-X</b>	Joint coupling used to join two lengths of PMR5 or PMR7 raceway.	—	Gray	—	10	100
<b>PMR7 Metal Raceway</b>						
<b>PMR57GC-X</b>	Ground clip used to provide additional grounding of raceway or to ground remote installations. For use with PMR5 or PMR7 raceway.	—	Gray	—	10	100
<b>Supporting Clip</b>						
<b>PMR5WPB-X</b>	Bushing used to protect wires from abrasion. For use with PMR5 raceway.	—	Gray	—	10	100
<b>PMR7WPB-X</b>	Bushing used to protect wires from abrasion. For use with PMR7 raceway.	—	Gray	—	10	100
<b>PMR7 Metal Raceway</b>						
<b>PMR5MSWH-X</b>	Mounting strap for use with PMR5 raceway.	—	White	—	10	100
<b>PMR7MSWH-X</b>	Mounting strap for use with PMR7 raceway.	—	White	—	10	100

‡For other colors replace WH (White) with AL (Almond).

A.  
System  
Overview

B1.  
Cable  
Ties

B2.  
Cable  
Accessories

B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
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D2.  
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Connectors

D3.  
Grounding  
Connectors

E1.  
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B2. Cable Accessories

B3. Stainless Steel Ties

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C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

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D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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## Pan-Way® PMR5/PMR7 Metal Raceway Fittings



**PMR5CC**  
**PMR7CC**



**PMR5RA**  
**PMR7RA**



**PMR5DA**  
**PMR7DA**



**PMR5IC**  
**PMR7IC**



**PMR5OC**  
**PMR7OC**



**PMR5LTE**



**PMR5RTE**



**PMR57T**



**PMR57EE**



**PMR57AOC**



**PMR57CB**



**PMR57TR**  
**PMR7TR**



**PMR57EBC**



**PMR57ECC**



**PMR57JBC50**  
**PMR57JBC75**



**PMR57CC50**  
**PMR57CC75**

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>PMR5CCWH-X</b>	Coupler fitting for use with PMR5 raceway.	White	10	100
<b>PMR7CCWH-X</b>	Coupler fitting for use with PMR7 raceway.	White	10	100
<b>PMR5RAWH</b>	Right angle fitting for use with PMR5 raceway.	White	1	10
<b>PMR7RAWH</b>	Right angle fitting for use with PMR7 raceway.	White	1	10
<b>PMR5DAWH</b>	Diagonal 45° angle fitting for use with PMR5 raceway.	White	1	10
<b>PMR7DAWH</b>	Diagonal 45° angle fitting for use with PMR7 raceway.	White	1	10
<b>PMR5ICWH</b>	Inside corner fitting for use with PMR5 raceway.	White	1	10
<b>PMR7ICWH</b>	Inside corner fitting for use with PMR7 raceway.	White	1	10
<b>PMR5OCWH</b>	Outside corner fitting for use with PMR5 raceway.	White	1	10
<b>PMR7OCWH</b>	Outside corner fitting for use with PMR7 raceway.	White	1	10
<b>PMR57LTEWH</b>	Left twisted elbow for 90° twist with 90° turn. For double turn at right angles from one surface to another, such as a flat run on a sidewall to a flat run on a ceiling. For use with PMR5 and PMR7 raceway.	White	1	10
<b>PMR57RTEWH</b>	Right twisted elbow for 90° twist with 90° turn. For double turn at right angles from one surface to another, such as a flat run on a sidewall to a flat run on a ceiling. For use with PMR5 and PMR7 raceway.	White	1	10
<b>PMR57TWH</b>	Tee fitting for use with PMR5 or PMR7 raceway.	White	1	10
<b>PMR57EEWH</b>	Entrance end fitting. 1/2" conduit breakouts allows entry of PMR5 or PMR7 raceway from a box, the ceiling, or a wall. Spring steel bushing included for use when connecting to a box.	White	1	10
<b>PMR57AOCWH</b>	Adjustable offset allows PMR5 or PMR7 to be mounted flush to wall when connected to surface type panel boxes. Adjustable between 5/8" and 1 3/8" from surface to center of conduit. 1/2" chase nipple and locknut included.	White	1	10
<b>PMR57CBWH</b>	Corner box for connecting PMR5 or PMR7 raceway. Each leg has 1/2" conduit breakouts and room for splicing.	White	1	10
<b>PMR57TRWH</b>	WIREMOLD* to PMR5 transition fitting. In-line transition fitting from WIREMOLD* 500 series to PMR5 raceway.	White	1	10
<b>PMR77TRWH</b>	WIREMOLD* to PMR7 Transition fitting. In-line transition fitting from WIREMOLD* 700 series to PMR7 raceway.	White	1	10
<b>PMR57EBCWH</b>	Elbow box connector used to connect PMR5 or PMR7 raceway to boxes at a right angle. Breakouts for 1/2" conduit.	White	1	10
<b>PMR57ECCWH</b>	Elbow conduit connector used to connect PMR5 or PMR7 raceway to conduit at a right angle. Breakouts for 1/2" conduit.	White	1	10
<b>PMR57JBC50-X</b>	Junction box connector used to connect PMR5 or PMR7 raceway to boxes with 1/2" conduit breakout.	White	10	100
<b>PMR57JBC75-X</b>	Junction box connector used to connect PMR5 or PMR7 raceway to boxes with 3/4" conduit breakout.	White	10	100
<b>PMR57CC50-X</b>	Conduit connector used to connect PMR5 or PMR7 raceway to 1/2" conduit.	White	10	100
<b>PMR57CC75-X</b>	Conduit connector used to connect PMR5 or PMR7 raceway to 3/4" conduit.	White	10	100

‡For other colors replace WH (White) with AL (Almond).

\*WIREMOLD is a registered trademark of the Wiremold Co.

**cUL<sup>us</sup> PMR5 and PMR7 Raceway Accessories**



**PMR57MRT**



**PMRTUP\*\***

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>PMR57MRT</b>	Metal raceway tool. To aid in the installation and removal of PMR5 and PMR7 metal raceway base sections.	Black	1	10
<b>PMRTUPAL</b>	Touch-up paint pen. Used to repair areas of metal raceway where paint has been removed or damaged.	—	1	10
<b>PMRTUPWH</b>	Touch-up paint pen. Used to repair areas of metal raceway where paint has been removed or damaged.	—	1	10

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

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E1. Labeling Systems

E2. Labels

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E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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A. System Overview

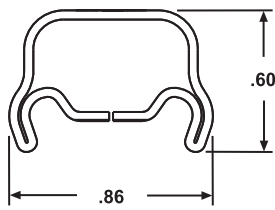
## Cable Fill Capacities for PMR5/PMR7 Metal Raceway

B1. Cable Ties

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.

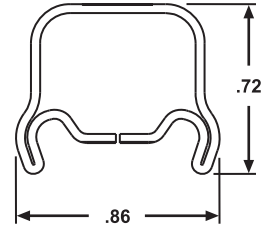
B2. Cable Accessories

B3. Stainless Steel Ties



PMR5

$A = .22 \text{ in.}^2$



PMR7

$A = .30 \text{ in.}^2$

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

**SPEC = 40% cable fill** – The recommended design in cable capacity, leaves room for future moves, adds, and changes.

**MAX for Data = 60% cable fill** – The maximum cable quantity based on cable interweaving and packing factors.

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

Raceway Type and Configuration	Fill Area (In. <sup>2</sup> )	Electrical Cables			Data Grade Cables		Data Grade Cables		Audio/Video		Fiber Optic Cable	
		14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6		2 Strand	
		THHN/T90			Category 6		Category 6A		Dia. = 0.275		Dia. = 0.175	
		0.111	0.130	0.164	Dia. = 0.250		Dia. = 0.330		FILL		FILL	
		MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
PMR5	0.22	9	6	4	1	2	1	1	1	2	3	5
PMR7	0.30	12	8	5	2	3	1	2	2	3	4	7

AWG dimensions represent typical outer cable diameter in inches.

E1. Labeling Systems

E2. Labels

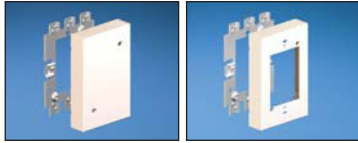
E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

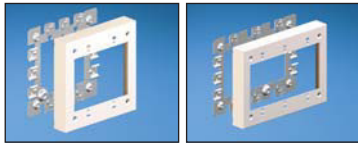
F. Index

**UL<sup>us</sup> Pan-Way® Metal Raceway Boxes**



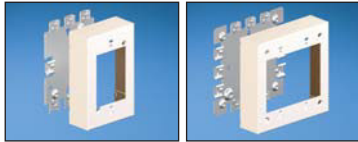
PMR5760

PMR5751



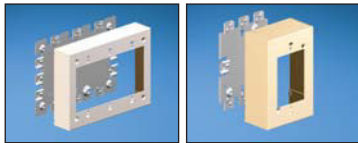
PMR5751-2

PMR5751-3



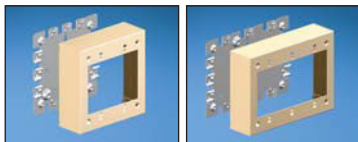
PMR5747

PMR5747-2



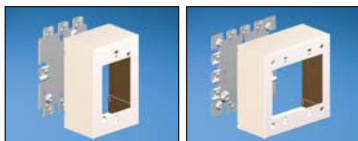
PMR5747-3

PMR5748



PMR5748-2

PMR5748-3



PMR5744S

PMR5744S-2

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
PMR5760WH	Single gang blank extension box. For use with Pan-Way® PMR5 or PMR7 Raceway. 4.92"L x 3.17"W x 0.94"H (125.0mm x 80.5mm x 23.8mm)	White	1	10
PMR5751WH	Single gang extension box. Box accepts Pan-Way® Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. 4.92"L x 3.17"W x .94"H (125.0mm x 80.5mm x 23.8mm)	White	1	10
PMR5751-2WH	Double gang extension box. Box accepts Pan-Way® Faceplates or any standard double gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. 4.92"L x 4.92"W x .94"H (125.0mm x 125.0mm x 23.8mm)	White	1	10
PMR5751-3WH	Three gang extension box. Box accepts Pan-Way® Faceplates or any standard three gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. 4.92"L x 6.72"W x .94"H (125.0mm x 170.7mm x 23.8mm)	White	1	10
PMR5747WH	Single gang shallow outlet box. Box accepts Pan-Way® Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 3.17"W x 1.38"H (125.0mm x 80.5mm x 34.9mm)	White	1	10
PMR5747-2WH	Double gang shallow outlet box. Box accepts Pan-Way® Faceplates or any standard double gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" and 1" conduit. 4.92"L x 4.92"W x 1.38"H (125.0mm x 125.0mm x 34.9mm)	White	1	10
PMR5747-3WH	Three gang shallow outlet box. Box accepts Pan-Way® Faceplates or any standard three gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 6.72"W x 1.38"H (125.0mm x 170.7mm x 34.9mm)	White	1	10
PMR5748WH	Single gang outlet box. Box accepts Pan-Way® Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 3.17"W x 1.75"H (125.0mm x 80.5mm x 44.5mm)	White	1	10
PMR5748-2WH	Double gang outlet box. Box accepts Pan-Way® Faceplates or any standard double gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" and 1" conduit. 4.92"L x 4.92"W x 1.75"H (125.0mm x 125.0mm x 44.5mm)	White	1	10
PMR5748-3WH	Three gang outlet box. Box accepts Pan-Way® Faceplates or any standard three gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 6.72"W x 1.75"H (125.0mm x 170.7mm x 44.5mm)	White	1	10
PMR5744SWH	Single gang intermediate outlet box. Box accepts Pan-Way® Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 3.17"W x 2.25"H (125.0mm x 80.5mm x 57.2mm)	White	1	10
PMR5744S-2WH	Double gang intermediate outlet box. Box accepts Pan-Way® Faceplates or any standard double gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" and 1" conduit. 4.92"L x 4.92"W x 2.25"H (125.0mm x 125.0mm x 57.2mm)	White	1	10

‡For other colors replace WH (White) with AL (Almond).

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B3. Stainless Steel Ties

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C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

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D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

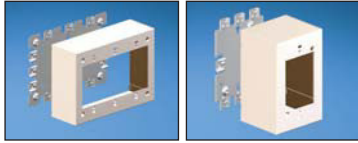
E5. Lockout/Tagout & Safety Solutions

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 **Pan-Way® Metal Raceway Boxes (continued)**

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Cable Ties

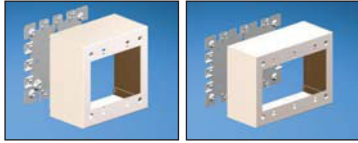


**PMR5744S-3**

**PMR5744**

B2.  
Cable  
Accessories

B3.  
Stainless  
Steel Ties

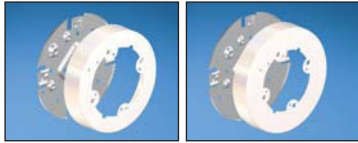


**PMR5744-2**

**PMR5744-3**

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

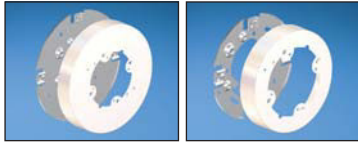


**PMR5738**

**PMR5738A**

C3.  
Abrasion  
Protection

C4.  
Cable  
Management



**PMR5739**

**PMR5737**

D1.  
Terminals

D2.  
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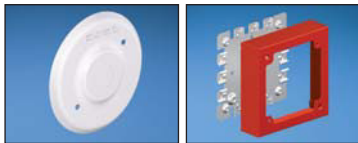


**PMR5737A**

**PMR5739A**

D3.  
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Connectors

E1.  
Labeling  
Systems



**PMR5736**

**PMR5752**

E2.  
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**PMR5753**

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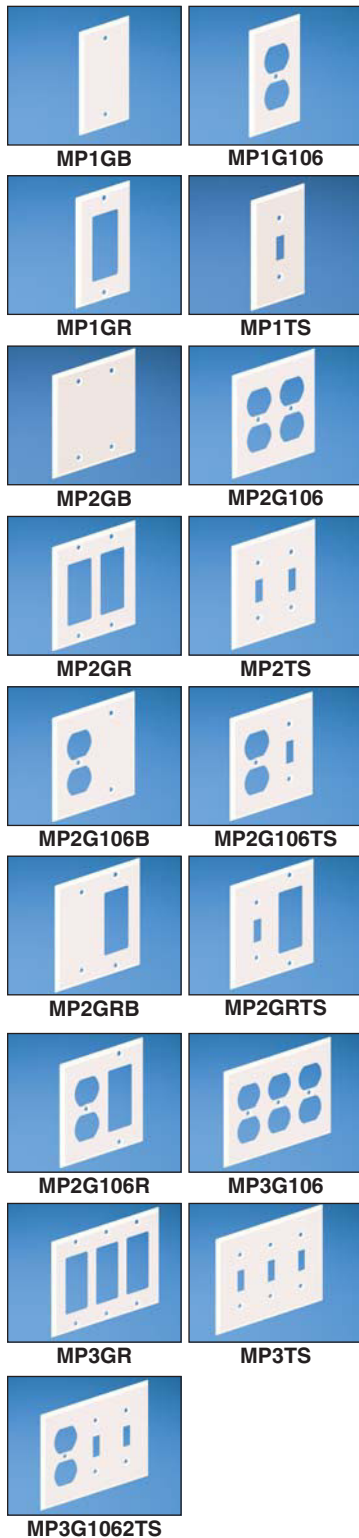
Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>PMR5744S-3WH</b>	Three gang intermediate outlet box. Box accepts Pan-Way® Faceplates or any standard three gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 6.72"W x 2.25"H (125.0mm x 170.7mm x 57.2mm)	White	1	10
<b>PMR5744WH</b>	Single gang deep outlet box. Box accepts Pan-Way® Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 3.17"W x 2.75"H (125.0mm x 80.5mm x 69.9mm)	White	1	10
<b>PMR5744-2WH</b>	Double gang deep outlet box. Box accepts Pan-Way® Faceplates or any standard double gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" and 1" conduit. 4.92"L x 4.92"W x 2.75"H (125.0mm x 80.5mm x 69.9mm)	White	1	10
<b>PMR5744-3WH</b>	Three gang deep outlet box. Box accepts Pan-Way® Faceplates or any standard three gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 6.72"W x 2.75"H (125.0mm x 170.7mm x 69.9mm)	White	1	10
<b>PMR5738WH</b>	Round fixture box with solid base is c-UL-us rated to accept devices up to 50 lbs. For use with Pan-Way® PMR5 or PMR7 Raceway. Base has four 1/2" conduit breakouts. Dia.= 4.77"D x 1.00"H (121.2mm x 25.4mm)	White	1	10
<b>PMR5738AWH</b>	Round fan or fixture box with solid base is c-UL-us rated to accept devices up to 50 lbs. For use with Pan-Way® PMR5 or PMR7 Raceway. Base has four 1/2" conduit breakouts. Dia. = 5.53"D x 1.00"H (140.5mm x 25.4mm)	White	1	10
<b>PMR5739WH</b>	Round fixture box with solid base is c-UL-us rated to accept devices up to 50 lbs. For use with Pan-Way® PMR5 or PMR7 Raceway. Base has four 1/2" conduit breakouts. Dia. = 6.37"D x 1.00"H (161.8mm x 25.4mm)	White	1	10
<b>PMR5737WH</b>	Round extension box with open base is c-UL-us rated to accept devices up to 50 lbs. For use with Pan-Way® PMR5 or PMR7 Raceway. Dia. = 4.76"D x 1.00"H (121.0mm x 25.4mm)	White	1	10
<b>PMR5737AWH</b>	Round extension box with open base is c-UL-us rated to accept devices up to 50 lbs. For use with Pan-Way® PMR5 or PMR7 Raceway. Dia. = 5.53"D x 1.00"H (140.5mm x 25.4mm)	White	1	10
<b>PMR5739AWH</b>	Round extension box with open base is c-UL-us rated to accept devices up to 50 lbs. For use with Pan-Way® PMR5 or PMR7 Raceway. Dia. = 6.37"D x 1.00"H (161.8mm x 25.4mm)	White	1	10
<b>PMR5736WH</b>	Round Blank Faceplate for use with Pan-Way PMR5 or PMR7 Round Outlet Boxes: PMR5737, PMR5737A, PMR5738, PMR5738A, PMR5739 and PMR5739A. Knockout for 1/2" conduit. Dia. = 4.25"D x 0.45"H (108.0mm x 11.5mm).	White	1	50
<b>PMR5752RD</b>	Alarm device box. Box accepts alarm devices and safety signals designed to fit 4" square back boxes. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" and 1" conduit. 4.92"L x 4.92"W x 1.42" H (125.0mm x 125.0mm x 36.1mm) <b>Available in red only.</b>	Red	1	10
<b>PMR5753RD</b>	Deep alarm device box. Box accepts alarm devices and safety signals designed to fit 4" square back boxes. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" and 1" conduit. 4.92"L x 4.92"W x 2.80"H (125.0mm x 125.0mm x 71.0mm) <b>Available in red only.</b>	Red	1	10

‡For other colors replace WH (White) with AL (Almond).





## SB Pan-Way® Metal Raceway Faceplates



Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
MP1GBWH	Metal single gang blank faceplate.	White	1	10
MP1G106WH	Metal single gang 106 duplex faceplate. Covers one NEMA standard 106 duplex electrical outlet or one standard 106 communication module frame.	White	1	10
MP1GRWH	Metal single gang rectangular faceplate. Covers one NEMA standard rectangular electrical outlet or one standard rectangular communication module frame.	White	1	10
MP1TSWH	Metal single gang toggle switch faceplate. Covers one NEMA standard toggle switch.	White	1	10
MP2GBWH	Metal double gang blank faceplate.	White	1	10
MP2G106WH	Metal double gang 106 duplex faceplate. Covers two NEMA standard 106 duplex electrical outlets or two standard 106 communication module frames.	White	1	10
MP2GRWH	Metal double gang rectangular faceplate. Covers two NEMA standard rectangular electrical outlets or two standard rectangular communication module frames.	White	1	10
MP2TSWH	Metal double gang toggle switch faceplate. Covers two NEMA standard toggle switches.	White	1	10
MP2G106BWH	Metal double gang 106 duplex/blank faceplate. Covers one NEMA standard 106 duplex electrical outlet or standard 106 communication module frame with opposite side blank.	White	1	10
MP2G106TSWH	Metal double gang 106 duplex/toggle switch faceplate. Covers one NEMA standard 106 duplex outlet or standard 106 communication module frame and one NEMA standard toggle switch.	White	1	10
MP2GRBWH	Metal double gang rectangular/blank faceplate. Covers one NEMA standard rectangular electrical outlet or standard rectangular communication module frame with opposite side blank.	White	1	10
MP2GRTSWH	Metal double gang rectangular/toggle switch faceplate. Covers one NEMA standard rectangular electrical outlet or standard rectangular communication module frame and one NEMA standard toggle switch.	White	1	10
MP2G106RWH	Metal double gang 106 duplex/rectangular faceplate. Covers one NEMA standard 106 duplex outlet or standard 106 communication module frame and one NEMA standard rectangular outlet or standard rectangular communication module frame.	White	1	10
MP3G106WH	Metal three gang 106 duplex faceplate. Covers three NEMA standard 106 duplex electrical outlets or three standard 106 communication module frames.	White	1	10
MP3GRWH	Metal three gang rectangular faceplate. Covers three NEMA standard rectangular electrical outlets or three standard rectangular communication module frames.	White	1	10
MP3TSWH	Metal three gang toggle switch faceplate. Covers three NEMA standard toggle switches.	White	1	10
MP3G1062TSWH	Metal three gang 106 duplex/two toggle switch faceplate. Covers one NEMA standard 106 duplex electrical outlet or one standard 106 communication module frame and two NEMA standard toggle switches.	White	1	10

‡For other colors replace WH (White) with AL (Almond).

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B3.  
Stainless  
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## PAN-WAY® NON-METALLIC SURFACE RACEWAY

Pan-Way® Non-Metallic Surface Raceways provide maximum flexibility for routing, protecting, concealing and terminating high performance copper, voice, video, fiber optic and power cabling. Panduit surface raceways are designed with attention to function and aesthetics to blend with any décor. Panduit surface raceway systems include transition fittings that facilitate seamless integration of one Panduit surface raceway system to another. Panduit Surface Raceway Systems work with all Panduit® Mini-Com® Modules for complete connectivity possibilities.

C1.  
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Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management



- Aesthetically pleasing
- Lightweight
- Tamper resistant
- Bend radius control
- Resists dents and conceals scratches and chips
- Ease of modifications and additions
- Lowest installed cost

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

E2.  
Labels

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Panduit surface raceway provides a variety of choices when selecting data and electrical terminations. All Panduit surface raceways include a full complement of fittings that are designed to maintain the proper bend radius control required for high performance copper and fiber optic cabling systems. All of the raceways accept either NEMA 70mm standard screw-on faceplates or superior Pan-Way® Snap-On Faceplates. Panduit surface raceway systems work with all Panduit® Mini-Com® Modules, for complete connectivity possibilities.

## PAN-WAY® TG-70 NON-METALLIC SURFACE RACEWAY

Pan-Way® TG-70 Non-Metallic Surface Raceway is a multi-channel raceway, which provides a solution for routing copper, fiber optic, and/or power cabling when maximum cable capacity is required.



- Large raceway channel provides maximum capacity
- Fittings maintain 40mm (1.6 inch) bend radius control
- Multi-channel two-piece design
- Aesthetically pleasing
- Lightweight
- Tamper resistant

The TG-70 raceway system consists of raceway base and cover, fittings, termination hardware and accessories. Pan-Way® TG-70 Raceway can mount NEMA standard screw-on faceplates or superior Pan-Way® Snap-On Faceplates directly to the channel. Fittings for TG-70 are available to transition to Pan-Way® T-45 and LD raceway.

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D3. Grounding Connectors

E1. Labeling Systems

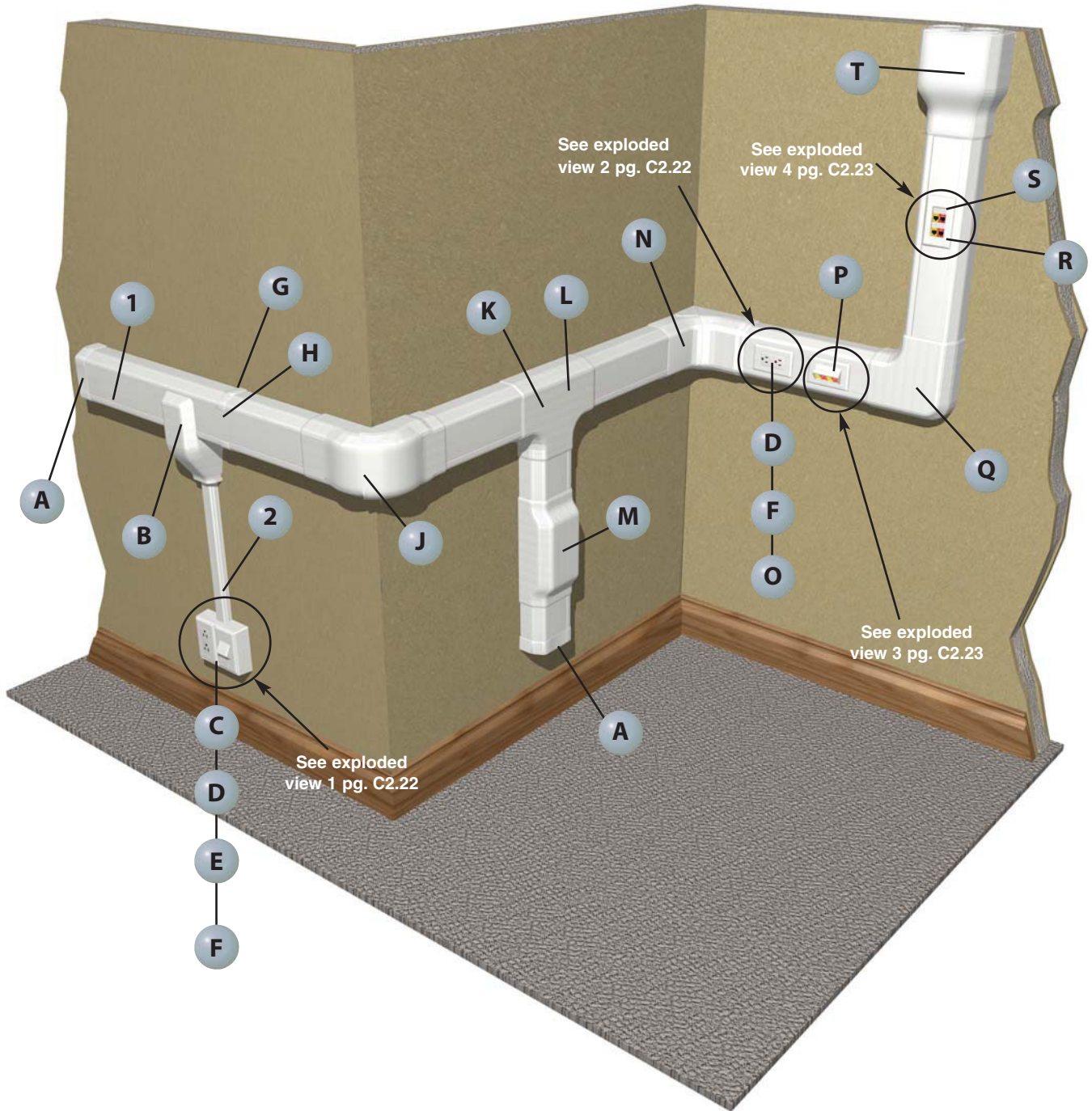
E2. Labels

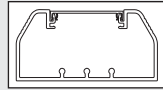
E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

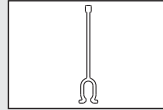
E5. Lockout/Tagout & Safety Solutions

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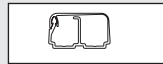




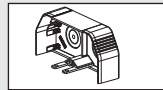
**1** TG-70\*\* – TG-70 Raceway Base and Cover (page C2.24)



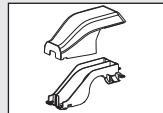
**1** TGDW – TG-70 Raceway Divider Wall (page C2.24)



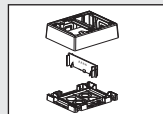
**2** LD2P10\*\* – Raceway (page C2.75)



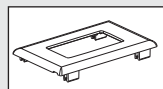
**A** TGEC\*\* – TG-70 End Cap (page C2.25)



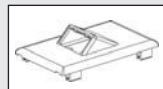
**B** TGTR\*\* – TG-70 Transition Fitting (page C2.25)



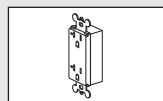
**C** JBP2FS\*\* – Fast-Snap™ Double Gang Power Rated Surface Mount Box (page C2.52)



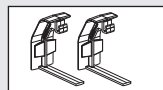
**D** T70PG\*\* – Single Gang Rectangular Electrical/Communication Snap-On Faceplate (page C2.53)



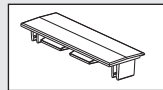
**E** T70FV2\*\* – Vertical Sloped Communication Snap-On Faceplate (page C2.52)



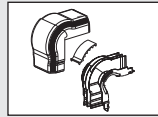
**F** ERU20\*\* – 20 A Rectangular Electrical Outlet (page C2.61)



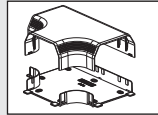
**G** TG70BC\*\* – TG-70 Base Couplers (page C2.25)



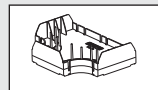
**H** T70CC\*\* – T-70 Cover Couplers (page C2.25)



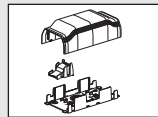
**J** TGOC\*\* – TG-70 Outside Corner Fitting (page C2.25)



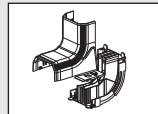
**K** TGT\*\* – TG-70 Tee Fitting (page C2.25)



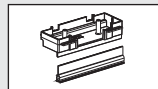
**L** TGTD – TG Tee Divider (page C2.25)



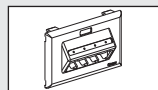
**M** TGBF\*\* – TG-70 Backfeed Fitting (page C2.25)



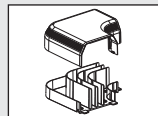
**N** TGIC\*\* – TG-70 Inside Corner Fitting (page C2.25)



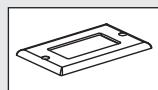
**O** TG70HB3-X – TG-70 Hanging Box with Divider Wall (page C2.26)



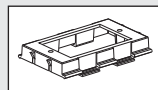
**P** UIT70FH4\*\* – Ultimate ID® Sloped Horizontal Snap-On Faceplate (see SA-NCCB51)



**Q** TGRA\*\* – TG-70 Right Angle Fitting (page C2.25)



**R** CPG\*\* – Single Gang Rectangular Power and Communication Faceplate (page C2.60)



**S** T70DB-X – T-70 Device Mounting Bracket (page C2.26)



**T** TGEE\*\* – TG-70 Entrance End Fitting (page C2.25)

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C4.  
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D2.  
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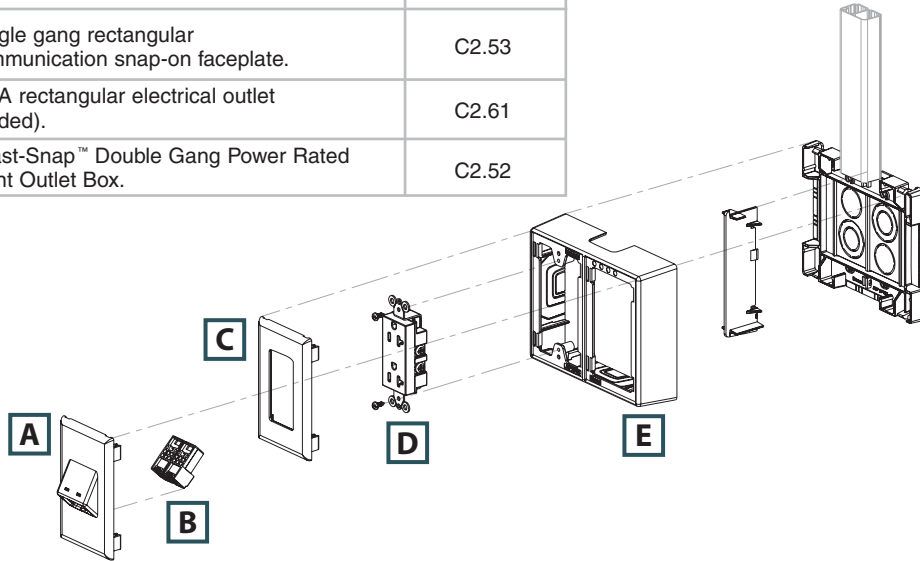
A.  
System  
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## TG-70 Configurations

B1.  
Cable Ties

### Exploded View 1

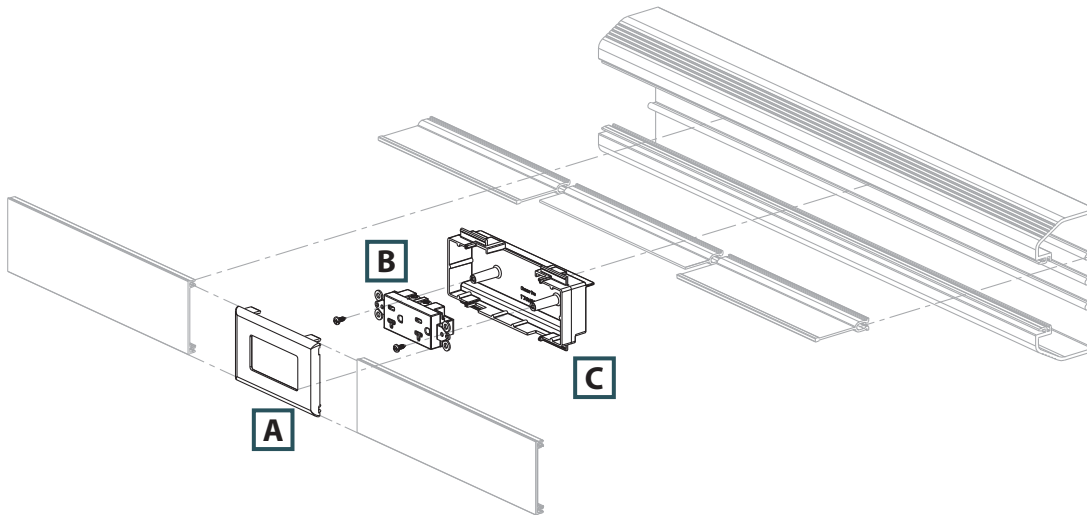
	Components Required	See page
A.	T70FV2 = Vertical sloped communication snap-on faceplate.	C2.52
B.	Panduit® Mini-Com® Modules.	—
C.	T70PG = Single gang rectangular electrical/communication snap-on faceplate.	C2.53
D.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.61
E.	JBP2FS = Fast-Snap™ Double Gang Power Rated Surface Mount Outlet Box.	C2.52



D1.  
Terminals

### Exploded View 2

	Components Required	See page
A.	T70PG = Single gang rectangular electrical/communication snap-on faceplate.	C2.53
B.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.61
C.	TG70HB3 = TG-70 3-sided hanging box.	C2.26



E1.  
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E2.  
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E3.  
Pre-Printed  
& Write-On  
Markers

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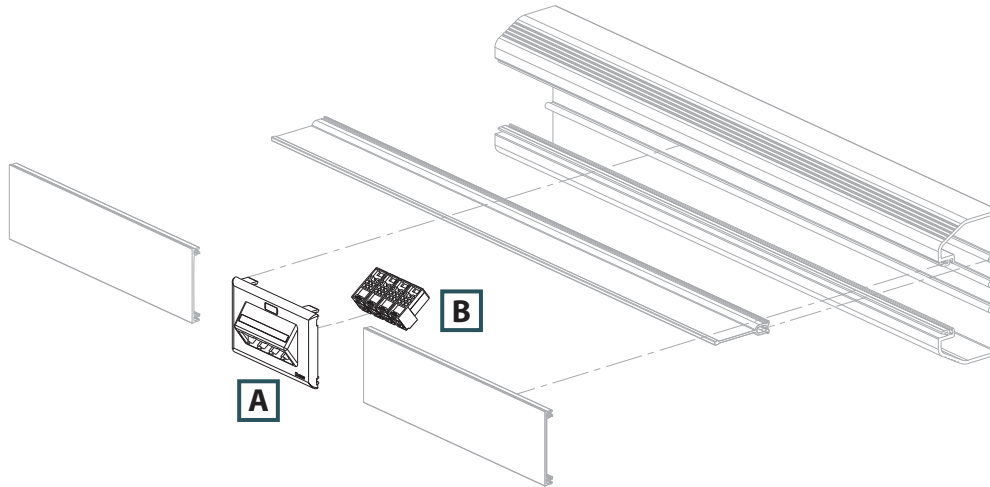
E5.  
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## TG-70 Configurations (continued)

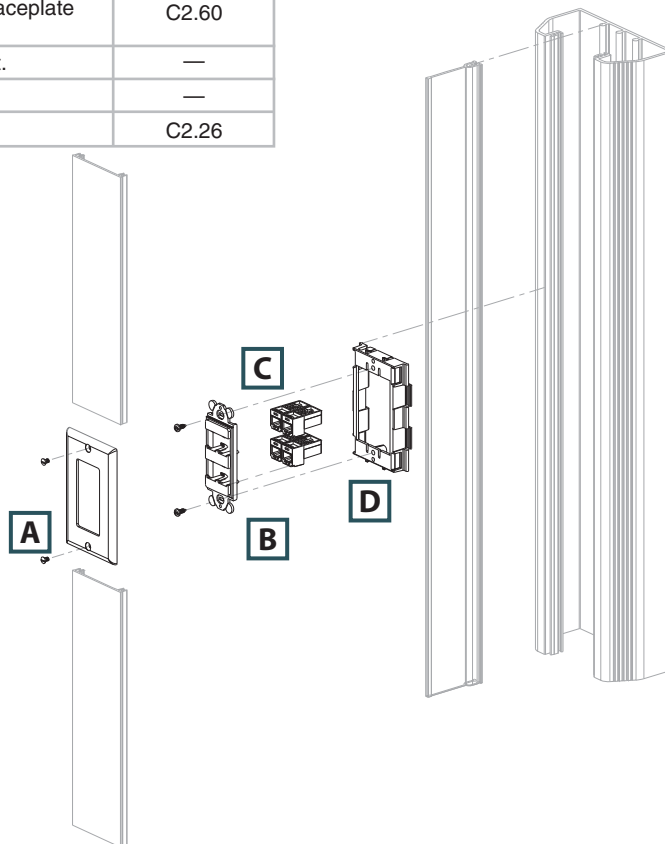
### Exploded View 3

	Components Required	See page
A.	UIT70FH4 = Ultimate ID® Sloped Horizontal Snap-On Faceplate – 4-port.	—
B.	Mini-Com® Modules.	—



### Exploded View 4

	Components Required	See page
A.	CPG = Single gang rectangular screw-on faceplate (screws included).	C2.60
B.	CFG4 = Mini-Com® Module Frame – 4-port.	—
C.	Mini-Com® Modules.	—
D.	T70DB-X = T70 device bracket.	C2.26



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C3.  
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C4.  
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D3.  
Grounding  
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A. System Overview



## Pan-Way® TG-70 Surface Raceway System

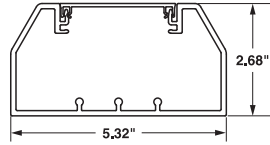
B1. Cable Ties

- UL and CSA rated 600 V; meets UL 5A and CSA C22.2 No. 62.1-03 standards; FT4 rated
- Large cable capacity with aesthetically pleasing design
- Tamper resistant

- Compatible with NEMA standard faceplates or Pan-Way® Classic Series Snap-On Faceplates
- Transitions to Panduit T-45 and LD profile raceway
- Supplied with pre-punched mounting holes

B2. Cable Accessories

B3. Stainless Steel Ties



TG-70  
Internal Area = 10.85 Sq. In.

C1. Wiring Duct



TG70

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
-------------	------------------	--------------	--------	--------------	----------------

### TG-70 Raceway Base and Cover — PACKAGED TOGETHER

<b>TG70IW8</b>	TG-70 raceway base in 8' and 10' lengths. Supplied with pre-punched mounting holes.	5.32" x 2.68" (135.0mm x 68.0mm)	Off White	8	32
<b>TG70IW10</b>				10	40

### T-70/TG-70/Twin-70 Raceway Cover

<b>T70CIW8</b>	T-70, TG-70, or Twin-70 raceway cover in 8' and 10' lengths.	—	Off White	8	96
<b>T70CIW10</b>				10	120

### TG Raceway Divider Wall

<b>TGDW8</b>	TG raceway divider wall. Snaps onto rails in TG raceway base to create separate channels. Must use wire retainers to ensure channel separation per UL/CSA. Available in 8' and 10' lengths.	—	Gray	8	64
<b>TGDW10</b>				10	80

‡For other colors replace IW (Off White) with EI (Electric Ivory).  
Order number of feet required in multiples of standard carton quantity.

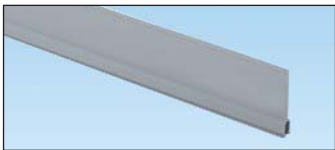
C2. Surface Raceway

C3. Abrasion Protection



T70C

C4. Cable Management



TGDW

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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## UL® SA LISTED Pan-Way® TG-70 Raceway Fittings

- TG-70 fittings are designed to exceed the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems



T70CC



TG70BC



TGRA



TGIC



TGSIC



TGO



TGSOC



TGT



TGTD



TGE



TGEE



TGTR



TGBF



TGBFI

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>T70CCIW-X</b>	T-70 cover coupler fitting: Joins cover sections of T-70, Twin-70, and TG-70. raceway cover together.	Off White	10	100
<b>TG70BCIW-X</b>	Base coupler fitting. Each piece includes two base coupler halves for joining sections of TG-70 base together.	Off White	10	—
<b>TGRAIW</b>	Right angle fitting. Used to join sections of TG raceway at 90° flat junctions.	Off White	1	10
<b>TGICIW</b>	Inside corner fitting. Used to join sections of TG raceway at inside corners. Fittings adjust from 85° to 135° to adapt to non-square corners.	Off White	1	—
<b>TGSICIW</b>	Inside corner fitting – non-adjustable. Used to join sections of TG raceway at inside corners.	Off White	1	10
<b>TGOCIW</b>	Outside corner fitting. Used to join sections of TG raceway at outside corners. Fittings adjust from 85° to 135° to adapt to non-square corners.	Off White	1	—
<b>TGSOCIW</b>	Outside corner fitting – non-adjustable. Used to join sections of TG raceway at inside corners.	Off White	1	10
<b>TGTIW</b>	Tee fitting. Used to join sections of TG raceway at tee intersections.	Off White	1	5
<b>TGTD</b>	Tee divider insert. Mounts inside TGT tee fitting to maintain channel separation in TG raceway at tee intersections.	Gray	1	5
<b>TGECIW</b>	End cap. Used to terminate or allow entry to TG raceway. Two knockouts each for .50"(12.7mm) and 1"(25.4mm) conduit.	Off White	1	10
<b>TGEEIW</b>	Entrance end fitting. Accepts large conduit, (up to 2") in line or at a right angle. Maintains a 40mm bend radius with a removable insert and channel separation.	Off White	1	10
<b>TGTRIW</b>	Transition fitting from TG to T-45. Provides a tee transition from TG raceway to T-45 and LD series size 5 and 10. Use with RF5X3 reducer fitting to transition to LD series size 3.	Off White	1	10
<b>TGBFIW</b>	Backfeed fitting. Features breakouts to enter through the bottom of the fitting and maintains bend radius control with a removable, bend radius insert and channel separation.	Off White	1	10
<b>TGBFI</b>	Backfeed fitting insert. Removable and maintains bend radius control.	Gray	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory).

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B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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A. System Overview



## Pan-Way® TG-70 Raceway Accessories

B1. Cable Ties

- TG-70 accessories consist of device mounting brackets, standard faceplate brackets for data, wire retainers and fiber spool brackets; the three-sided hanging box is used to mount NEMA standard single gang outlet and communications devices

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

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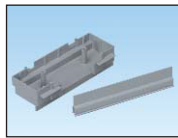
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**T70DB-X**



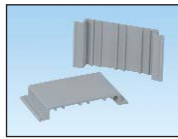
**T70SDB-X**



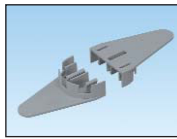
**TG70HB3-X**



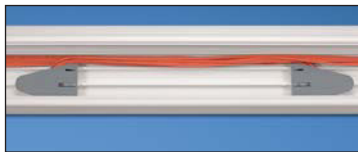
**TG70HB3GFCI-X**



**TG70WR-X**



**TGFSB**

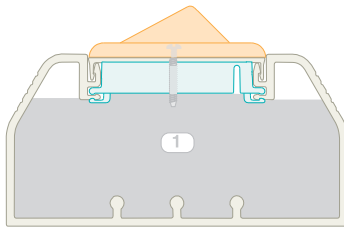


**TGFSB installed in TG-70 raceway**

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>T70DB-X</b>	Device mounting bracket. Used to mount NEMA standard single gang electrical outlets and communication devices with either screw-on or snap-on single gang faceplates. Can be used with T-70, Twin-70, and TG-70 raceway.	Gray	10	—
<b>T70SDB-X</b>	Standard faceplate bracket. Used to mount NEMA standard 70mm single gang screw-on faceplates. Can be used with T-70, Twin-70, TG-70 raceway and Pan-Pole™ Communication Pole.	Gray	10	—
<b>TG70HB3-X</b>	3-sided hanging box. Mounts standard electrical outlets or communication devices with either NEMA standard single gang screw-on or Panduit snap-on faceplates. When used with TGDW divider wall, box separates and fully encloses device to provide cabling separation.	Gray	10	—
<b>TG70HB3GFCI-X</b>	GFCI 3-sided hanging box. Accepts single gang U.S. GFCI (ground fault circuit interrupter) standard electrical devices. Provides increased internal area for connections and excess wire.	Gray	10	—
<b>TG70WR-X</b>	Wire retainer. Holds wires in place during installation.	Gray	10	100
<b>TGFSB</b>	Fiber spool bracket. Each piece consists of two halves that snap into base of TG raceway. Provides method to contain one meter or more of fiber slack and acts as a strain relief while maintaining a minimum 32mm bend radius. Bracket separation can be adjusted to fit the length of slack required.	Gray	1	10

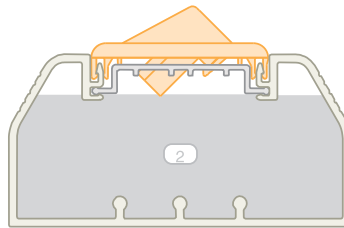
## Cable Fill Capacities for TG-70 Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.



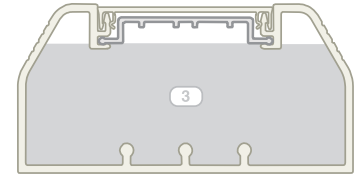
**A = 10.09 in.<sup>2</sup>**

**Cable fill #1:** With data only using screw-on faceplates and devices.



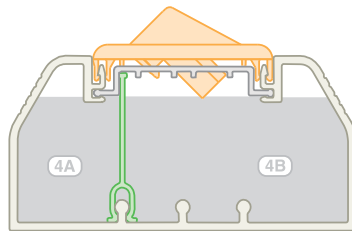
**A = 10.68 in.<sup>2</sup>**

**Cable fill #2:** With data only using snap-on faceplates and wire retainer.



**A = 10.85 in.<sup>2</sup>**

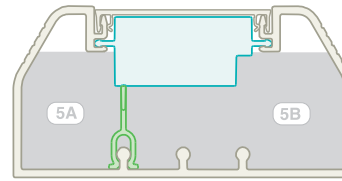
**Cable fill #3:** With wire retainer.



**A = 3.16 in.<sup>2</sup>**

**A = 7.20 in.<sup>2</sup>**

**Cable fill #4:** Divided (see 5A and 5B for power and data applications).



**A = 3.08 in.<sup>2</sup>**

**A = 5.58 in.<sup>2</sup>**

**Cable fill #5:** With Power and data using snap-on faceplates and 3-sided power box.

Raceway Type and Configuration	Fill Area (In. <sup>2</sup> )	Electrical Cables			Data Grade Cables		Data Grade Cables		Audio/Video		Fiber Optic Cable	
		14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6		2 Strand	
		THHN/T90			Cat. 6		Cat. 6A		DIA. = 0.275		DIA. = 0.175	
		0.111	0.130	0.164	DIA. = 0.250		DIA. = 0.330		DIA. = 0.275		DIA. = 0.175	
		FILL			FILL		FILL		FILL		FILL	
MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
(UL Temp Rise Test)			(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)
1. TG70: Data only using screw-on faceplates and devices.	10.09	—	—	—	82	123	47	70	67	101	167	251
2. TG70: Data only using snap-on faceplates and wire retainer.	10.68	—	—	—	87	130	49	74	71	107	177	266
3. TG70: Wire retainer without devices.	10.85	40	40	38	88	132	50	76	73	109	180	270
4A. TG70: Divided power and data (A).	3.16	28	28	26	—	—	—	—	—	—	—	—
4B. TG70: Divided power and data (B).	7.20	—	—	—	58	88	33	50	48	72	119	179
5A. TG70: Power and data using snap-on faceplates and 3-sided power box (A).	3.08	28	28	26	—	—	—	—	—	—	—	—
5B. TG70: Power and data using snap-on faceplates and 3-sided power box (B).	5.58	—	—	—	45	68	26	39	37	56	92	139

AWG dimensions represent typical outer cable diameter in inches.

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C3.  
Abrasion  
Protection

C4.  
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# NOTES

## PAN-WAY® T-70 AND TWIN-70 NON-METALLIC SURFACE RACEWAY

Pan-Way® T-70 and Twin-70 Non-Metallic Surface Raceways are multi-channel raceways which provide solutions for routing copper, fiber optic, and/or power cabling along fixed perimeter walls. T-70 features the Workstation Outlet Center™ Offset Box which provides an offset solution to maximize channel capacity and outlet density. Twin-70 offers two totally independent channels maintained throughout the system for independent access to power, copper, and fiber optic cabling.



The T-70 and Twin-70 raceway systems consist of raceway base and cover, fittings, termination hardware and accessories. Pan-Way® T-70 and Twin-70 Raceway can mount NEMA standard screw-on faceplates or superior Pan-Way® Snap-On Faceplates directly to the channel. Fittings for T-70 and Twin-70 are available to transition to T-70, Twin-70, T-45 and LD raceways.

- Aesthetically pleasing
- Lightweight
- Tamper resistant
- Fittings maintain 1 inch bend radius control
- T-70 utilizes a single channel with snap-in divider wall to provide multi-channel capability
- Twin-70 utilizes two independent channels and covers to provide multi-channel capability

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## T-70 Raceway Roadmap

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C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

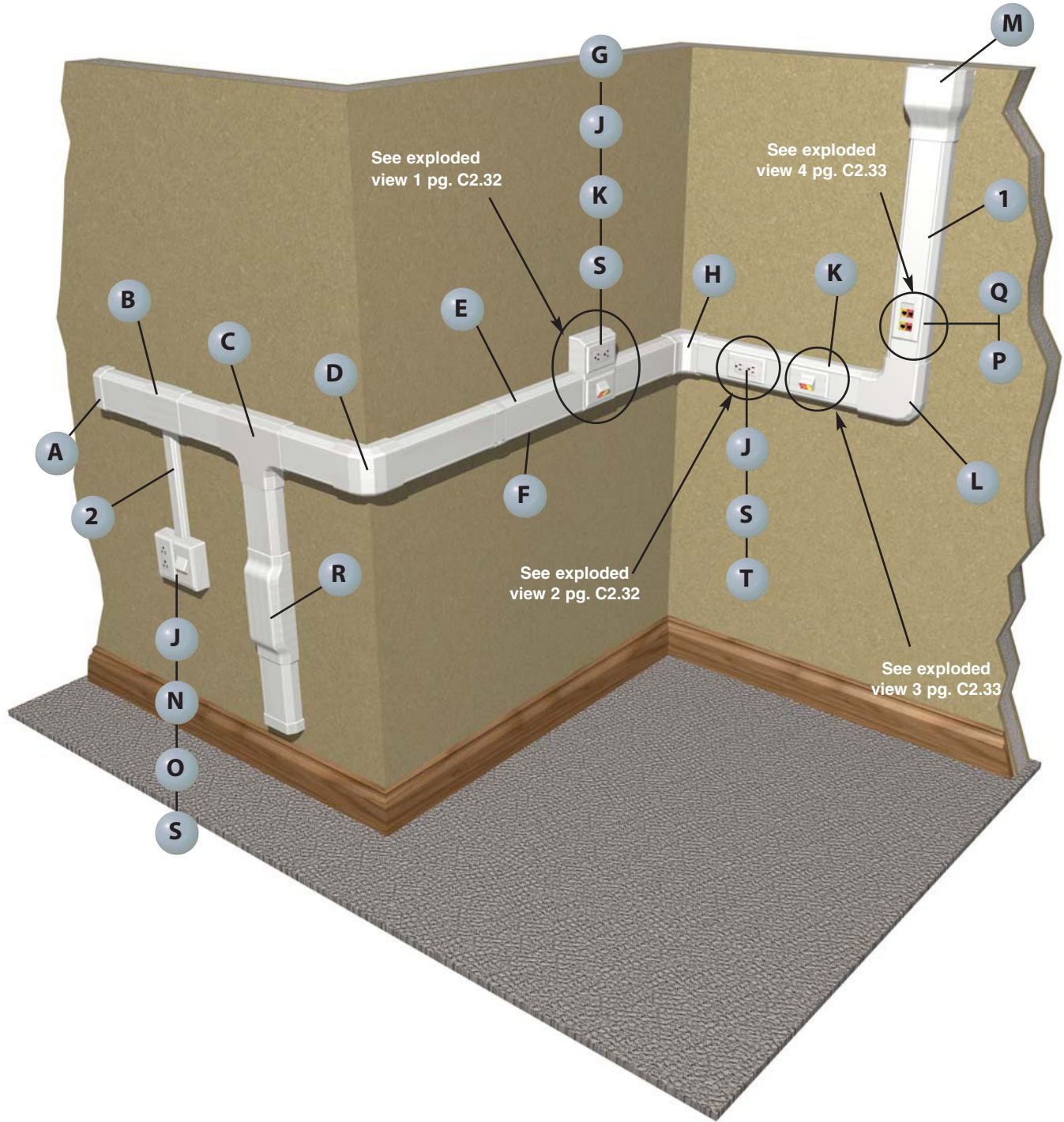
E2.  
Labels

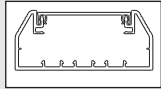
E3.  
Pre-Printed  
& Write-On  
Markers

E4.  
Permanent  
Identification

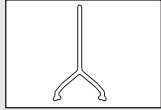
E5.  
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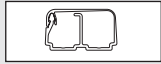




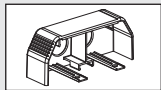
**1** T70B\*\*, T70C\*\* – T-70 Base and Cover (page C2.36)



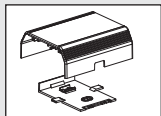
**1** T70DW – T-70 Divider Wall (page C2.36)



**2** LD2P10\*\* – LD2P10 Raceway (page C2.75)



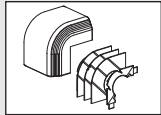
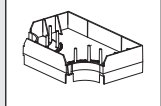
**A** T70EC\*\* – T-70 End Cap Fitting (page C2.37)



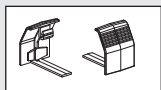
**B** T70TR\*\* – T-70 Transition Fitting (page C2.37)



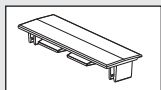
**C** T70T\*\* – T-70 Tee Fitting  
T70TD – T-70 Tee Divider (page C2.37)



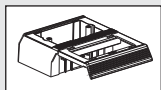
**D** T70OC\*\* – T-70 Outside Corner Fitting (page C2.37)



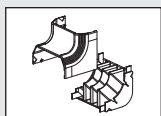
**E** T70BC\*\* – T-70 Base Coupler Fitting (page C2.36)



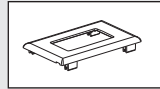
**F** T70CC\*\* – T-70 Cover Coupler Fitting (page C2.36)



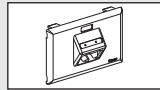
**G** T70WC2\*\* – T-70 Workstation Outlet Center™ Offset Box for Snap-On Faceplates (page C2.37)



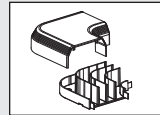
**H** T70IC\*\* – T-70 Inside Corner Fitting (page C2.36)



**J** T70PG\*\* – Single Gang Rectangular Electrical/Communication Snap-On Faceplate (page C2.53)



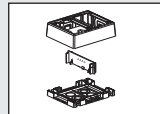
**K** UIT70FH2\*\* – Ultimate ID® Sloped Horizontal Snap-On Faceplate (see SA-NCCB51)



**L** T70RA\*\* – T-70 Right Angle Fitting (page C2.36)



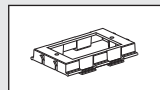
**M** T70EE\*\* – T-70 Entrance End Fitting (page C2.37)



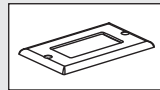
**N** JBP2FS\*\* – Fast-Snap™ Double Gang Power Rated Surface Mount Outlet Box (page C2.52)



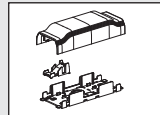
**O** T70FV2\*\* – Vertical Sloped Communication Snap-On Faceplate (page C2.52)



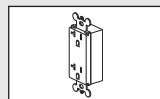
**P** T70DB-X – T-70 Device Bracket (page C2.40)



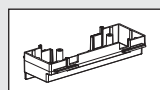
**Q** CPG\*\* – Single Gang Rectangular Screw-On Faceplate (page C2.60)



**R** T70BF\*\* – T-70 Backfeed Fitting (page C2.37)



**S** ERU20\*\* – 20 A Rectangular Electrical Outlet (page C2.61)



**T** T70HB3-X – 3-Sided Hanging Box (page C2.40)

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B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

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E2. Labels

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E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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## T-70 Configurations

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### Exploded View 1

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Steel Ties

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D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
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E2.  
Labels

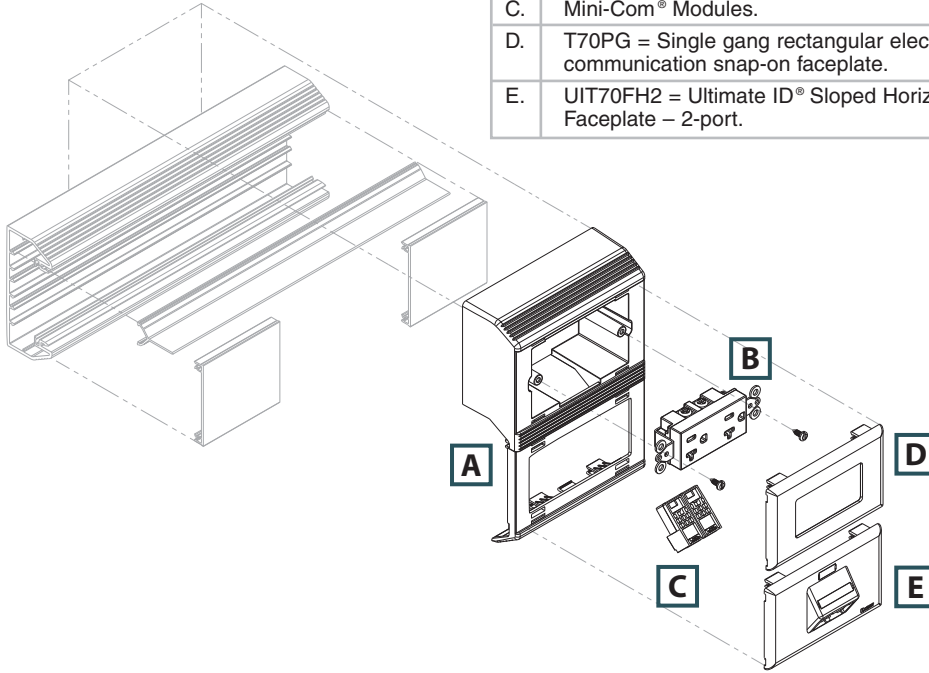
E3.  
Pre-Printed  
& Write-On  
Markers

E4.  
Permanent  
Identification

E5.  
Lockout/  
Tagout  
& Safety  
Solutions

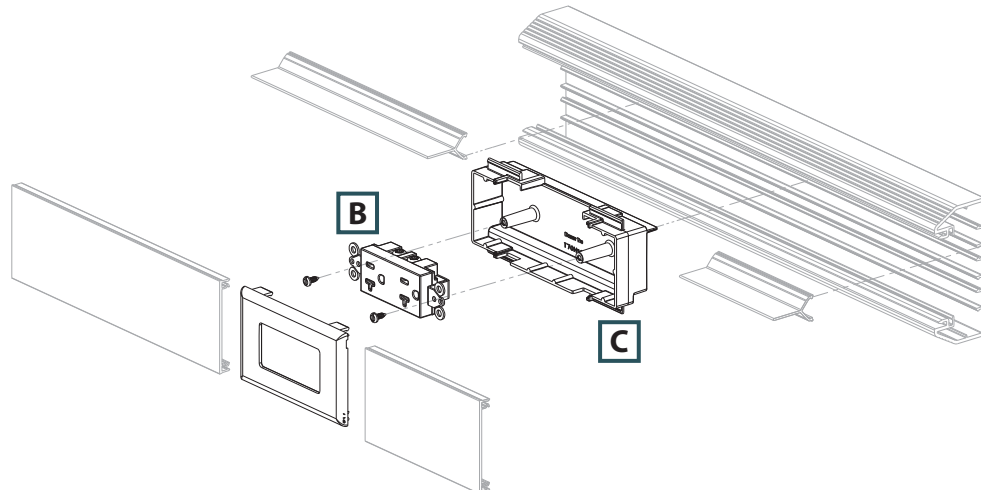
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	Components Required	See page
A.	T70WC2 = T-70 Workstation Outlet Center™ Offset Box for snap-on faceplates.	C2.37
B.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.61
C.	Mini-Com® Modules.	—
D.	T70PG = Single gang rectangular electrical/communication snap-on faceplate.	C2.53
E.	UIT70FH2 = Ultimate ID® Sloped Horizontal Snap-On Faceplate – 2-port.	—



### Exploded View 2

	Components Required	See page
A.	T70PG = Single gang rectangular electrical/communication snap-on faceplate.	C2.53
B.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.61
C.	T70HB3-X = 3-Sided hanging box.	C2.40

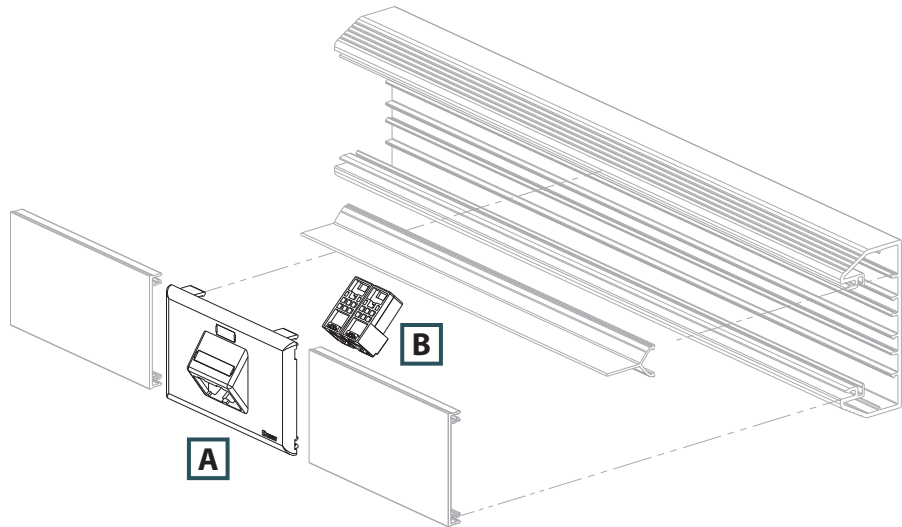




## T-70 Configurations (continued)

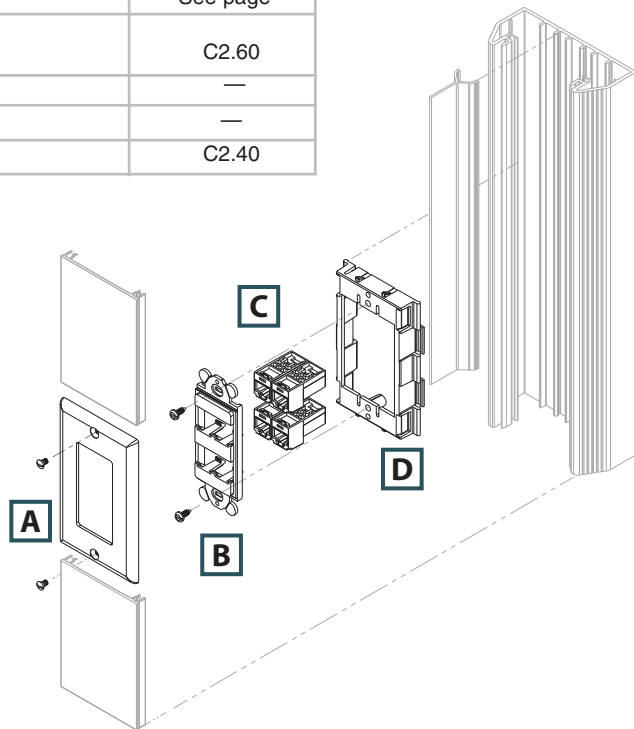
### Exploded View 3

	Components Required	See page
A.	UIT70FH2 = Ultimate ID® Sloped Horizontal Snap-On Faceplate – 2-port.	—
B.	Mini-Com® Modules.	—



### Exploded View 4

	Components Required	See page
A.	CPG = Single gang rectangular screw-on faceplates (screws included).	C2.60
B.	CFP4 = Mini-Com® Module Frame – 4-port.	—
C.	Mini-Com® Modules.	—
D.	T70DB-X = T-70 device bracket.	C2.40



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B3.  
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C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
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D1.  
Terminals

D2.  
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D3.  
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E1.  
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## Twin-70 Raceway Roadmap

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B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

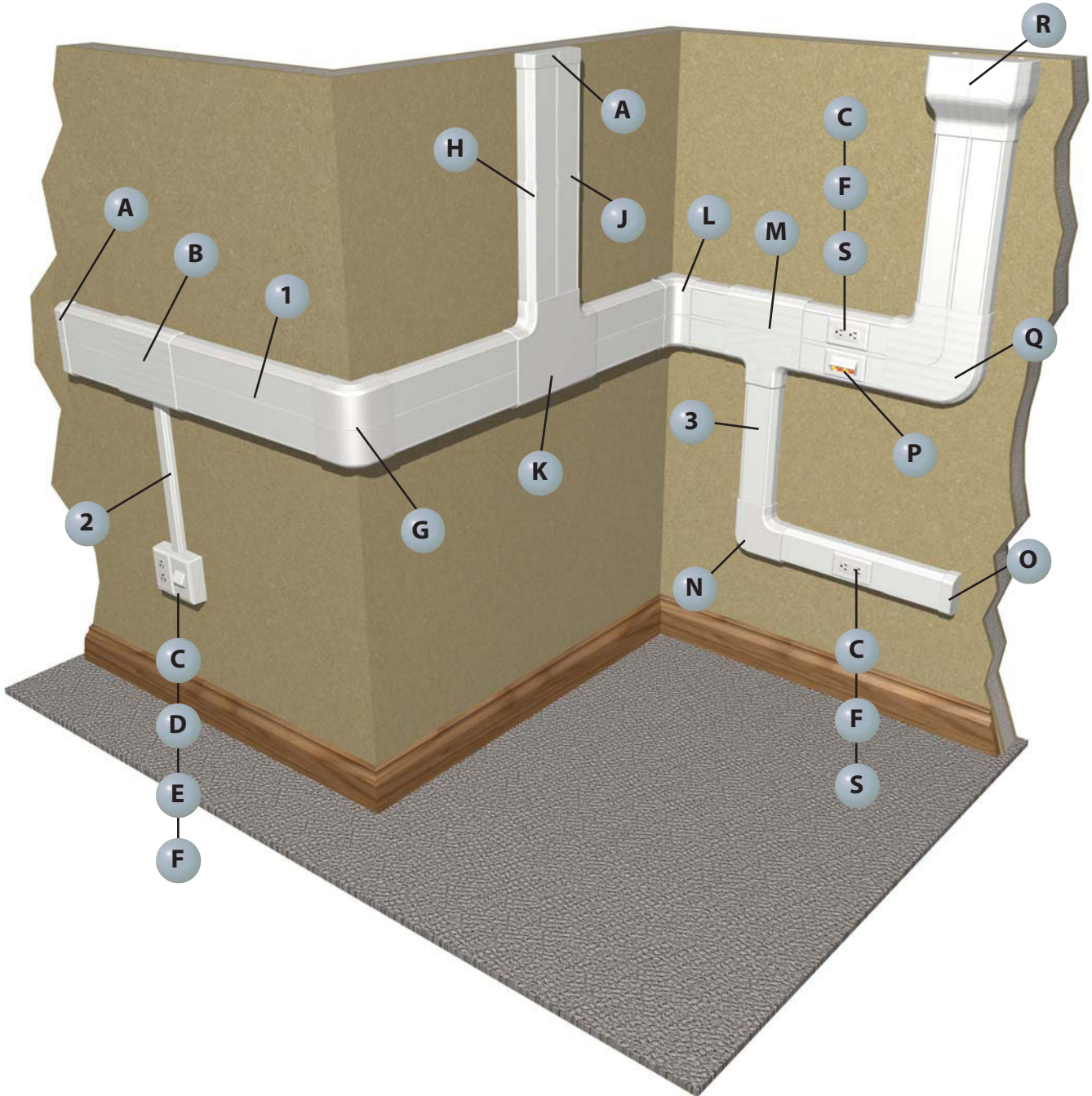
E2.  
Labels

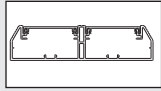
E3.  
Pre-Printed  
& Write-On  
Markers

E4.  
Permanent  
Identification

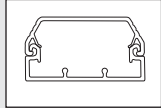
E5.  
Lockout/  
Tagout  
& Safety  
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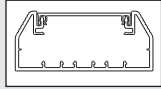




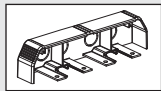
**1** T702B\*\*, T70C\*\* – Twin-70 Raceway Base and Cover (page C2.38)



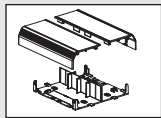
**2** T45B\*\*, T45C\*\* – T-45 Raceway Base and Cover (page C2.48)



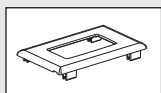
**3** T70B\*\*, T70C\*\* – T-70 Raceway Base and Cover (page C2.36)



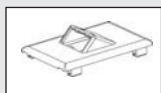
**A** T702EC\*\* – Twin-70 End Cap Fitting (page C2.39)



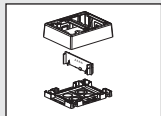
**B** T702TRL\*\* – Twin-70 Transition Fitting (page C2.39)



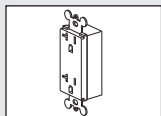
**C** T70PG\*\* – Single Gang Rectangular Electrical/Communication Snap-On Faceplate (page C2.53)



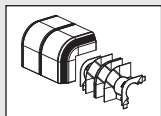
**D** T70FV2\*\* – Vertical Sloped Communication Snap-On Faceplate (page C2.52)



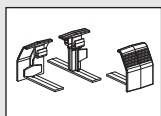
**E** JBP2FS\*\* – Fast-Snap™ Double Gang Power Rated Surface Mount Outlet Box (page C2.52)



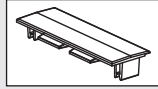
**F** ERU20\*\* – 20 A Rectangular Electrical Outlet (page C2.61)



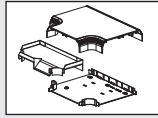
**G** T702OC\*\* – Twin-70 Outside Corner Fitting (page C2.39)



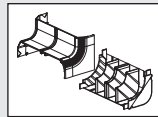
**H** T702BC\*\* – Twin-70 Base Coupler Fitting (page C2.39)



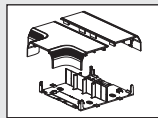
**J** T70CC\*\* – T-70 Cover Coupler Fitting (page C2.39)



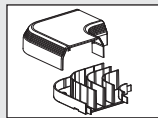
**K** T702T\*\* – Twin-70 Tee Fitting (page C2.39)



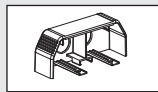
**L** T702IC\*\* – Twin-70 Inside Corner Fitting (page C2.39)



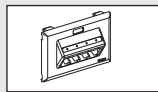
**M** T702TR\*\* – Twin-70 Transition Fitting (page C2.39)



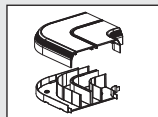
**N** T702RA\*\* – Twin-70 Right Angle Fitting (page C2.39)



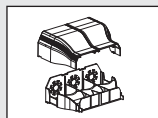
**O** T70EC\*\* – T-70 End Cap Fitting (page C2.37)



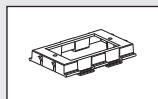
**P** UIT70FH4\*\* – Ultimate ID® Sloped Horizontal Snap-On Faceplate (see SA-NCCB51)



**Q** T702RA\*\* – Twin-70 Right Angle Fitting (page C2.39)



**R** T702EE\*\* – Twin-70 Entrance End Fitting (page C2.39)



**S** T70DB-X\*\* – T-70 Device Mounting Bracket (page C2.40)

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B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

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E1. Labeling Systems

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E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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A. System Overview

## UL<sup>®</sup> SA LISTED SF<sup>®</sup> Pan-Way<sup>®</sup> T-70 Surface Raceway System

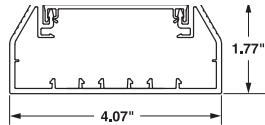
B1. Cable Ties

- UL and CSA rated 600 V; meets UL 5A and CSA C22.2 No. 62.1-03 standards; FT4 rated
- Large cable capacity with aesthetically pleasing design
- Tamper resistant

- Compatible with NEMA standard 70mm faceplates or Pan-Way<sup>®</sup> Classic Series Snap-On Faceplates
- Transitions to Panduit T-45 and LD profile raceway
- Supplied with pre-punched mounting holes

B2. Cable Accessories

B3. Stainless Steel Ties



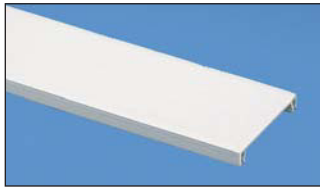
T-70  
Internal Area = 5.15 Sq. In.

C1. Wiring Duct



T70B

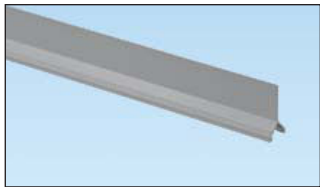
C2. Surface Raceway



T70C

C3. Abrasion Protection

C4. Cable Management



T70DW

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
-------------	------------------	--------------	--------	--------------	----------------

### T-70 Raceway Base

<b>T70BIW8</b>	T-70 raceway base in 8' and 10' lengths. Supplied with pre-punched mounting holes.	4.07" x 1.77" (103.3mm x 45.0mm)	Off White	8	48
<b>T70BIW10</b>				10	60

### T-70/TG-70/Twin-70 Raceway Cover

<b>T70CIW8</b>	T-70, TG-70, or Twin-70 raceway cover in 8' and 10' lengths.	—	Off White	8	96
<b>T70CIW10</b>				10	120

### T-70/Twin-70 Raceway Divider Wall

<b>T70DW8</b>	T-70/Twin-70 raceway divider wall. Snaps onto rails in T-70/Twin-70 raceway base to create separate channels. Must use wire retainers to ensure channel separation per UL/CSA. Available in 8' and 10' lengths.	—	Gray	8	96
<b>T70DW10</b>				10	120

‡For other colors replace IW (Off White) with EI (Electric Ivory), WH (White), BL (Black) or IG (International Gray in 8' lengths ONLY).

Order raceway base and cover separately.

Order number of feet required in multiples of standard carton quantity.

E1. Labeling Systems

## UL<sup>®</sup> SA LISTED SF<sup>®</sup> Pan-Way<sup>®</sup> T-70 Raceway Fittings

- T-70 fittings are designed to maintain the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems

E2. Labels



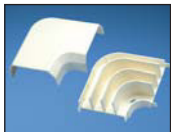
T70CC



T70BC

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification



T70RA



T70IC

E5. Lockout/Tagout & Safety Solutions

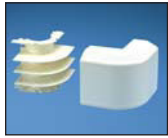
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Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>T70CCIW-X</b>	T-70 cover coupler fitting: Joins cover sections of T-70, Twin-70, and TG-70. raceway cover together.	Off White	10	100
<b>T70BCIW-X</b>	Base coupler fitting. Used to join sections of T-70 raceway base together.	Off White	10	0
<b>T70RAIW</b>	Right angle fitting. Used to join sections of T-70 raceway at right angles.	Off White	1	10
<b>T70ICIW</b>	Inside corner fitting. Used to join sections of T-70 raceway at inside corners.	Off White	1	10

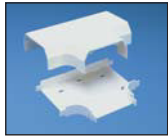
‡For other colors replace IW (Off White) with EI (Electric Ivory), BL (Black), IG (International Gray), or WH (White).



## Pan-Way® T-70 Raceway Fittings (continued)



T70OC



T70T



T70TD



T70EC



T70EE



T70TR  
T70TRC



T70TRI



T70WM40TR



T70BF



T70BFI



T70WC



T70WC2

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>T70OCIW</b>	Outside corner fitting. Used to join sections of T-70 raceway at outside corners.	Off White	1	10
<b>T70TIW</b>	Tee fitting. Used to join sections of T-70 raceway at tee intersections.	Off White	1	10
<b>T70TD</b>	T-70 tee fitting divider. Separates power and data within tee fitting. Replaces T70TDB, T70TDC, and T70TDT.	Gray	1	10
<b>T70ECIW</b>	End cap fitting. Used to terminate or allow entry to T-70 raceway with conduit breakouts of 1/2" .	Off White	1	10
<b>T70EEIW</b>	Entrance end fitting. Conduit breakouts of 1/2", 3/4", 1" and 1 1/4" which allows entry from ceiling or wall.	Off White	1	10
<b>T70TRIW</b>	Transition fitting. Used to transition to any LD profile or T-45 raceway while maintaining channel separation. Fitting includes bend radius insert.	Off White	1	10
<b>T70TRCIW</b>	Transition fitting cover. Used to transition to any LD profile or T-45 raceway.	Off White	1	10
<b>T70TRI</b>	Divided insert for T-70 to LD2P10. Maintains channel separation within T70TR fitting.	Gray	1	10
<b>T70WM40TRIW</b>	WIREMOLD* 4000 to T-70 transition fitting. In-line transition fitting from WIREMOLD 4000 to T-70 raceway.	Off White	1	10
<b>T70BFIW</b>	Backfeed fitting. Allows cable entry through the back of the T-70 raceway.	Off White	1	10
<b>T70BFI</b>	Backfeed fitting insert. Bend radius insert to be used with T70BF.	Gray	1	10
<b>T70WCIW</b>	Workstation Outlet Center™ Offset Box for screw-on faceplates. Two-piece box and bracket accept any NEMA standard screw-on faceplate.	Off White	1	10
<b>T70WC2IW</b>	Workstation Outlet Center™ Offset Box for Pan-Way® Snap-On Faceplates. Two-piece box and bracket accept any standard electrical outlet. Accepts any Pan-Way® Snap-On Electrical/Communication Faceplates.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), BL (Black), IG (International Gray), or WH (White).  
\*WIREMOLD is a registered trademark of the Wiremold Co.

A.  
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B2.  
Cable  
Accessories

B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
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E1.  
Labeling  
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E2.  
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E3.  
Pre-Printed  
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Markers

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Permanent  
Identification

E5.  
Lockout/  
Tagout  
& Safety  
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A. System Overview



## Pan-Way® Twin-70 Surface Raceway System

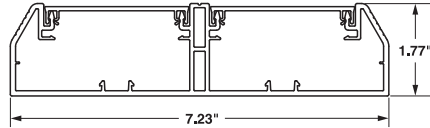
B1. Cable Ties

- UL and CSA rated 600 V; meets UL 5A and CSA C22.2 No. 62.1-03 standards; FT4 rated
- Separate channels allow independent access to power and communication cabling throughout the entire system
- Transitions to Panduit T-70, T-45, and LD profile raceway

- Compatible with NEMA standard 70mm faceplates or Pan-Way® Classic Series Snap-On Faceplates
- Tamper resistant
- Supplied with pre-punched mounting holes

B2. Cable Accessories

B3. Stainless Steel Ties



TWIN-70  
Left Internal Area = 4.59 Sq. In.  
Right Internal Area = 4.59 Sq. In.

C1. Wiring Duct



T702B

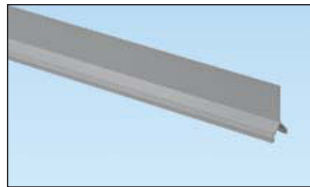
C2. Surface Raceway

C3. Abrasion Protection



T70C

C4. Cable Management



T70DW

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
<b>Twin-70 Raceway Base</b>					
<b>T702BIW8</b>	Twin-70 raceway base in 8' and 10' lengths. Supplied with pre-punched mounting holes.	7.23" x 1.77" (184.0mm x 45.0mm)	Off White	8	24
<b>T702BIW10</b>				10	30

<b>T-70/TG-70/Twin-70 Raceway Cover</b>					
<b>T70CIW8</b>	T-70, TG-70, or Twin-70 raceway cover in 8' and 10' lengths.	—	Off White	8	96
<b>T70CIW10</b>				10	120

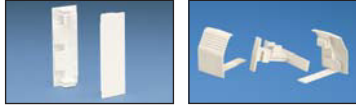
<b>T-70/Twin-70 Raceway Divider Wall</b>					
<b>T70DW8</b>	T-70/Twin-70 raceway divider wall. Snaps onto rails in T-70/Twin-70 raceway base to create separate channels. Must use wire retainers to ensure channel separation per UL/CSA. Available in 8' and 10' lengths.	—	Gray	8	96
<b>T70DW10</b>				10	120

‡ For other colors replace IW (Off White) with EI (Electric Ivory) or WH (White).  
**2' of cover needed for every 1' of Twin-70 base.**  
 Order number of feet required in multiples of standard carton quantity.



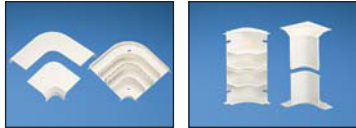
## Pan-Way® Twin-70 Raceway Fittings

- Twin-70 fittings are designed to maintain the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems



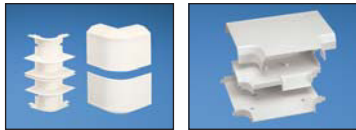
T70CC

T702BC



T702RA

T702IC



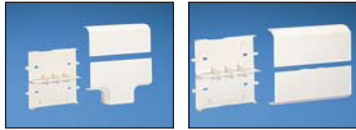
T702OC

T702T



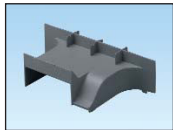
T702EC

T702EE



T702TR

T702TRL



T702TRI

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>T70CCIW-X</b>	Cover coupler fitting. Used to join sections of cover together.	Off White	10	100
<b>T702BCIW-X</b>	Base coupler fitting. Used for joining sections of Twin-70 base together.	Off White	10	—
<b>T702RAIW</b>	Right angle fitting. Used to join sections of Twin-70 raceway at 90° flat junctions.	Off White	1	10
<b>T702ICIW</b>	Inside corner fitting. Used to join sections of Twin-70 raceway at inside corners.	Off White	1	10
<b>T702OCIW</b>	Outside corner fitting. Used to join sections of Twin-70 raceway at outside corners.	Off White	1	10
<b>T702TIW</b>	Tee fitting. Used to join sections of Twin-70 raceway at tee intersections.	Off White	1	5
<b>T702ECIW</b>	End cap fitting. Conduit breakouts of 1/2" for entry into raceway channel.	Off White	1	10
<b>T702EEIW</b>	Entrance end fitting. Conduit breakouts of 1/2", 3/4", 1", 1 1/4" and 1 1/2" for entry from ceiling or wall.	Off White	1	5
<b>T702TRIW</b>	Transition fitting. Used to transition to T-70 raceway.	Off White	1	5
<b>T702TRLIW</b>	Transition fitting. Used to transition to any LD profile or T-45 raceway.	Off White	1	5
<b>T702TRI</b>	Transition divider insert for Twin-70 to T-70 or Twin-70 to LD profile. Maintains channel separation within T702TR or T702TRL fittings.	Gray	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory) or WH (White). T702TRI available in Gray only.

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B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

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D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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A. System Overview



## Pan-Way® T-70 and Twin-70 Raceway Accessories

B1. Cable Ties

- T-70 and Twin-70 raceway accessories consist of device mounting brackets, snap-on device brackets, hanging boxes and 3-sided hanging boxes used to mount NEMA standard single gang electrical outlets and/or communication devices

B2. Cable Accessories



T70DB-X



T70SDB-X

B3. Stainless Steel Ties



T70HB-X



T70HB3-X

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection



T70HB3GFCI-X



T70WR-X

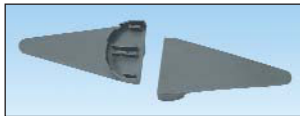
C4. Cable Management



T70S-X

D1. Terminals

D2. Power Connectors



T70FSB

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

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Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>T70DB-X</b>	Device mounting bracket. Used to mount NEMA standard single gang electrical outlets and communication devices with either screw-on or snap-on single gang faceplates. Can be used with T-70, Twin-70, and TG-70 raceway.	Gray	10	—
<b>T70SDB-X</b>	Standard faceplate bracket. Used to mount NEMA standard 70mm single gang screw-on faceplates. Can be used with T-70, Twin-70, TG-70 raceway and Pan-Pole™ Communication Pole.	Gray	10	—
<b>T70HB-X</b>	Hanging box. Used to mount NEMA standard single gang electrical outlets and devices with either screw-on or snap-on single gang faceplates when there are communications cables in the raceway. For use in T-70 and Twin-70 raceway only.	Gray	10	—
<b>T70HB3-X</b>	3-sided hanging box. Used to mount NEMA standard single gang electrical outlets and devices with either screw-on or snap-on single gang faceplates when there are communications cables in the raceway. Box is low profile for increased channel capacity and does not require breakout removal. For use with T-70 and Twin-70 raceway only.	Gray	10	—
<b>T70HB3GFCI-X</b>	T70 GFCI 3-sided hanging box. Accepts single gang U.S. GFCI (ground fault circuit interrupter) standard electrical devices. Provides increased internal area for connections and excess wire.	Gray	10	—
<b>T70WR-X</b>	Wire retainer. Holds wires in place during installation.	Gray	10	100
<b>T70S-X</b>	Spacer plate. Used to mount the CBX4 surface mount box onto the T70DB-X or T70HB-X/T70HB3-X.	—	10	—
<b>T70FSB</b>	Fiber spool bracket. Each piece consists of two halves that snap into base of T-70 or Twin-70 raceway. Provides method to contain one meter or more of fiber slack and acts as a strain relief while maintaining a minimum 30mm bend radius. Bracket separation can be adjusted to fit the length of slack required.	Gray	1	10



Use the T70FSB with T-70 or Twin-70 raceway to contain 1m or more of fiber slack while maintaining a 30mm cable bend radius. Brackets are adjustable for slack length.

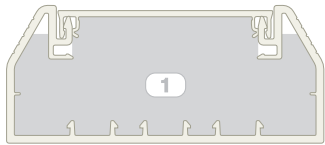


Use T70S-X spacer plate for mounting the CBX4 surface mount box on T-70 or T702.



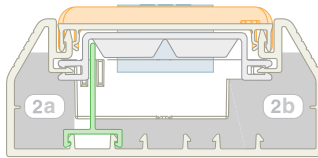
## Cable Fill Capacities for T-70 Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.



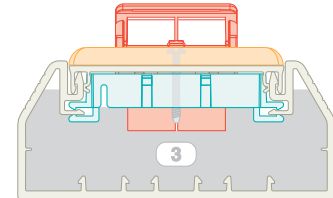
**A = 5.15 in.<sup>2</sup>**

**Cable fill #1:** Raceway with no devices.



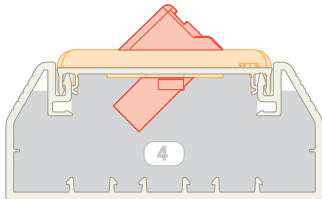
**A = .86 in.<sup>2</sup>      A = 1.72 in.<sup>2</sup>**

**Cable fill #2:** Power and data using 3-sided hanging box and device bracket.



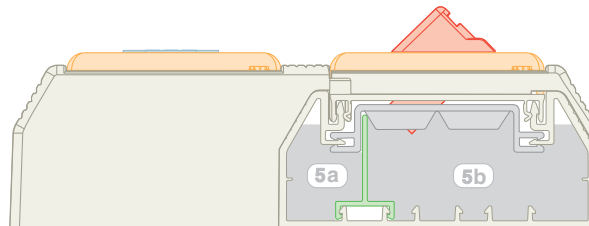
**A = 3.67 in.<sup>2</sup>**

**Cable fill #3:** Data only using vertical sloped screw-on communication faceplates.



**A = 4.71 in.<sup>2</sup>**

**Cable fill #4:** Data only using horizontal sloped snap-on communication faceplates.



**A = .91 in.<sup>2</sup>      A = 3.12 in.<sup>2</sup>**

**Cable fill #5:** Power and data using the Workstation Outlet Center™ Offset Box.

**SPEC = 40% cable fill** – The recommended design in cable capacity, leaves room for future moves, adds, and changes.

**MAX for Data = 60% cable fill** – The maximum cable quantity based on cable interweaving and packing factors.

**MAX for Power cable fill** – The maximum of electrical cables based on UL temperature rise test.

Raceway Type and Configuration	Fill Area (in. <sup>2</sup> )	Electrical Cables			Data Grade Cables		Data Grade Cables		Audio/Video		Fiber Optic Cable	
		14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6		2 Strand	
		THHN/T90			Cat 6. (4-pr.)		Augmented Cat. 6					
		0.111	0.130	0.164	DIA. = 0.250		DIA. = 0.330		DIA. = 0.275		DIA. = 0.175	
		FILL			FILL		FILL		FILL		FILL	
		MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
(UL Temp Rise Test)			(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)
1. T-70: No devices.	5.15	24	20	15	41	62	24	36	34	52	85	128
2a. T-70: Power and data using the 3-sided hanging box and device bracket.	0.86	14	11	7	—	—	—	—	—	—	—	—
2b.	1.72	—	—	—	14	21	8	12	11	17	28	42
3. T-70: Data only (screw-on faceplates).	3.67	—	—	—	29	44	17	25	24	37	61	91
4. T-70: Data only (snap-on faceplates).	4.71	—	—	—	38	57	22	33	31	47	78	117
5a. T-70: Power and data using the Workstation Outlet Center™ Offset Box.	0.91	14	11	7	—	—	—	—	—	—	—	—
5b.	3.12	—	—	—	25	38	14	21	21	31	51	77

AWG dimensions represent typical outer cable diameter in inches.

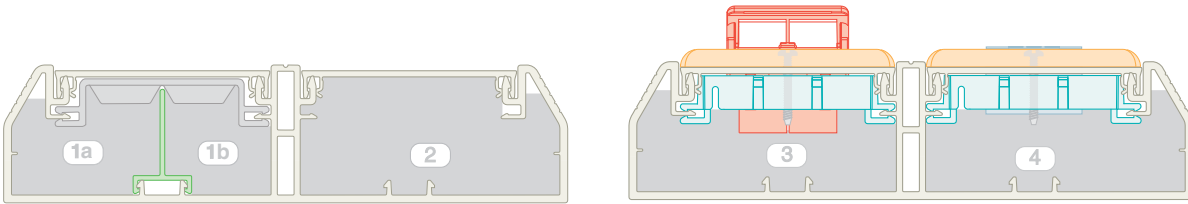
A. System Overview

## Cable Fill Capacities for Twin-70 Raceway

B1. Cable Ties

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.

B2. Cable Accessories



**A = 2.05 in.<sup>2</sup>**

**A = 1.43 in.<sup>2</sup>**

**A = 4.59 in.<sup>2</sup>**

**A = 3.11 in.<sup>2</sup>**

**A = 3.32 in.<sup>2</sup>**

**Cable fill #1:** Power and data with no devices.

**Cable fill #2:** One Twin-70 channel with no devices.

**Cable fill #3:** Data only using vertical sloped screw-on communication faceplates.

**Cable fill #4:** Power using device bracket and NEMA standard 70mm screw-on faceplates.

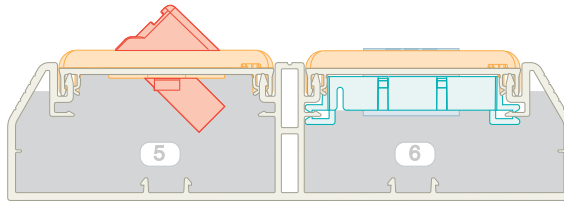
B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



**A = 4.14 in.<sup>2</sup>**

**A = 2.33 in.<sup>2</sup>**

**Cable fill #5:** Data only using horizontal sloped snap-on communication faceplates.

**Cable fill #6:** 20 A TVSS rectangular outlet using device bracket and snap-on electrical/communication faceplate.

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

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**SPEC = 40% cable fill** – The recommended design in cable capacity, leaves room for future moves, adds, and changes.

**MAX for Data = 60% cable fill** – The maximum cable quantity based on cable interweaving and packing factors.

**MAX for Power cable fill** – The maximum of electrical cables based on UL temperature rise test.

Raceway Type and Configuration	Fill Area (In. <sup>2</sup> )	Electrical Cables			Data Grade Cables	Data Grade Cables	Audio/Video		Fiber Optic Cable			
		14 AWG	12 AWG	10 AWG	24 AWG/UTP CM	24 AWG/UTP CM	RG6		2 Strand			
		THHN/T90			Cat 6. (4-pr.)		Augmented Cat. 6					
		0.111	0.130	0.164	DIA. = 0.250		DIA. = 0.330		DIA. = 0.275		DIA. = 0.175	
		FILL			FILL		FILL		FILL		FILL	
MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	MAX	
(UL Temp Rise Test)			(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)
1a. Twin-70: Power and data, no terminations.	2.05	—	—	—	16	25	9	14	13	20	34	51
1b. Twin-70: One channel no devices (data).	1.43	16	16	15	—	—	—	—	—	—	—	—
2. Twin-70: One channel no devices (data).	4.59	—	—	—	37	56	21	32	30	46	76	114
3. Twin-70: Data only (screw-on faceplate).	3.11	—	—	—	25	38	14	21	20	31	51	77
4. Twin-70: Power only (screw-on faceplate).	3.32	15	13	13	—	—	—	—	—	—	—	—
5. Twin-70: Data only (snap-on faceplate).	4.14	—	—	—	33	50	19	29	27	41	68	103
6. Twin-70: TVSS power (snap-on faceplate).	2.33	16	16	14	—	—	—	—	—	—	—	—

AWG dimensions represent typical outer cable diameter in inches.

## PAN-WAY® T-45 NON-METALLIC SURFACE RACEWAY

Pan-Way® T-45 Non-Metallic Surface Raceway is a multi-channel raceway which provides a solution for routing copper, fiber optic, and/or power cabling along fixed perimeter walls. T-45 surface raceway terminates using the T-45 hinged data and power brackets, T-45 offset box, and select Pan-Way® Surface Mount Outlet Boxes.



- Multi-directional cover hinge allows cable installation from either side
- Hinged data and power brackets provide easy access for terminating outlets
- Aesthetically pleasing
- Lightweight
- Tamper resistant
- Fittings maintain 1 inch bend radius control

Pan-Way® T-45 Surface Raceway accepts NEMA standard screw-on faceplates for superior Pan-Way® Snap-On Faceplates when terminating with the T-45 offset box and surface mount outlet boxes. Fittings for T-45 are available to transition to Pan-Way® LD Series Raceway.

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D2.  
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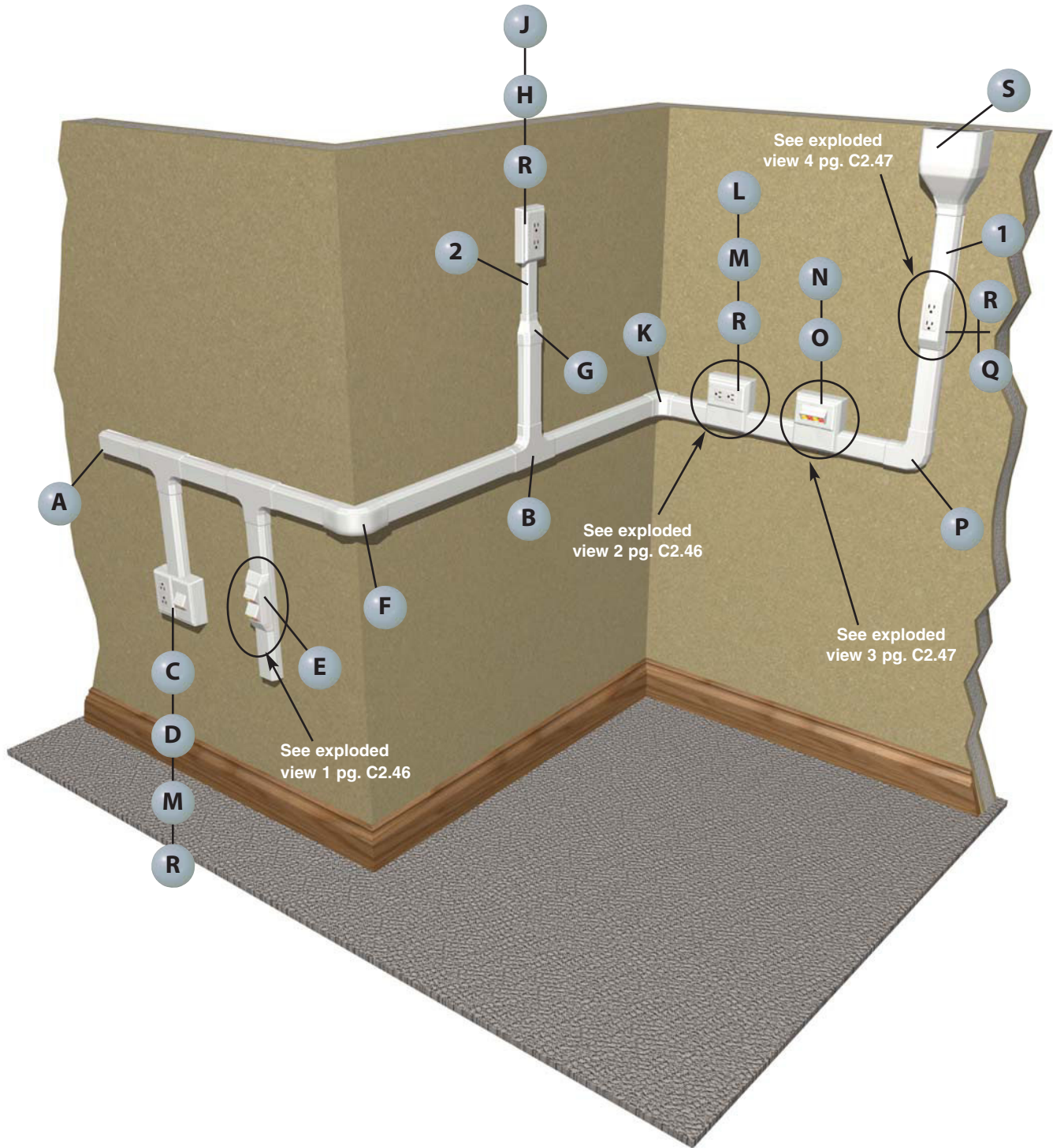
E3.  
Pre-Printed  
& Write-On  
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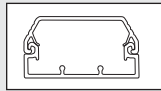
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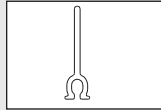
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## T-45 Raceway Roadmap

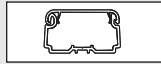




**1** T45B\*\* , T45C\*\* – T-45 Raceway Base and Cover (page C2.48)



**1** T45DW\*\* – T-45 Divider Wall (page C2.48)



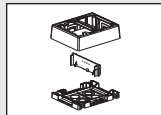
**2** LDPH10\*\* – LDPH Raceway (page C2.77)



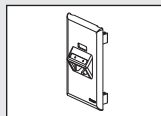
**A** T45EC\*\* – T-45 End Cap Fitting (page C2.49)



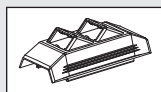
**B** T45T\*\* and T45TD – T-45 Tee Fitting and Divider (page C2.49)



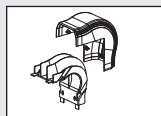
**C** JBP2FS\*\* – Fast-Snap™ Double Gang Power Rated Surface Mount Outlet Box (page C2.52)



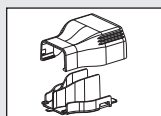
**D** UIT70FV2\*\* – Ultimate ID® Sloped Vertical Snap-On Faceplate (see SA-NCCB51)



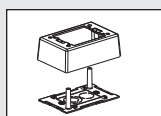
**E** T45HDB\*\* – T-45 Snap-On Hinged Data Bracket (page C2.49)



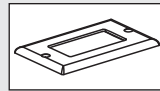
**F** T45OC\*\* – T-45 Outside Corner Fitting (page C2.49)



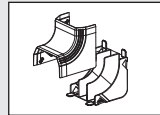
**G** T45RLD\*\* – T-45 Reducer Fitting (page C2.49)



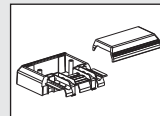
**H** JBP1\*\* – Power Rated Single Gang Two-Piece Box (page C2.58)



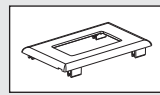
**J** CPG\*\* – Single Gang Rectangular Electrical/Communication Screw-On Faceplate (page C2.60)



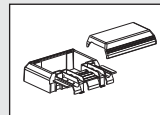
**K** T45IC\*\* – T-45 Inside Corner Fitting (page C2.49)



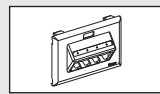
**L** T45WC\*\* – T-45 Offset Box for Screw-On Faceplates/Receptacles (page C2.49)



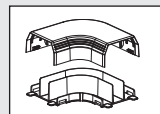
**M** T70PG\*\* – Single Gang Rectangular Electrical/Communication Snap-On Faceplate (page C2.53)



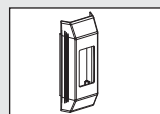
**N** T45WC2\*\* – T-45 Offset Box for Snap-On Faceplates (page C2.49)



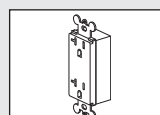
**O** UIT70FH4\*\* – Ultimate ID® Sloped Horizontal Snap-On Faceplate (see SA-NCCB51)



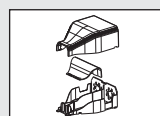
**P** T45RA\*\* – T-45 Right Angle Fitting (page C2.49)



**Q** T45HEGB\*\* – T-45 Electrical Bracket (page C2.49)



**R** ERU20\*\* – 20 A Rectangular Electrical Outlet (page C2.61)



**S** T45EE\*\* – T-45 Entrance End Fitting (page C2.49)

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B2. Cable Accessories

B3. Stainless Steel Ties

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C4. Cable Management

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E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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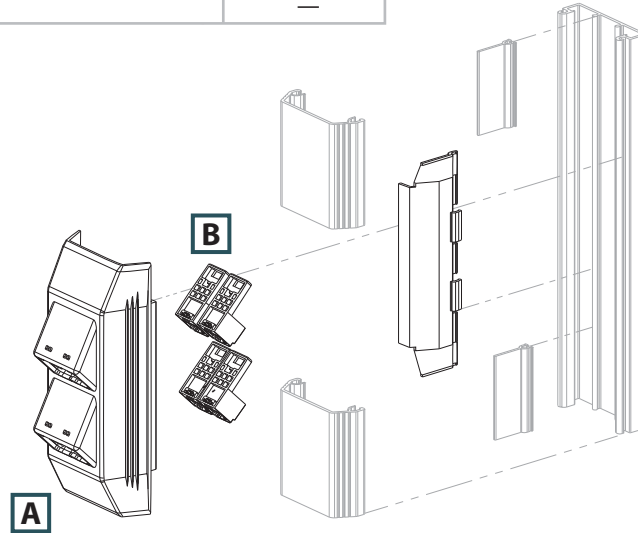
A.  
System  
Overview

## T-45 Configurations

B1.  
Cable Ties

### Exploded View 1

	Components Required	See page
A.	T45HDB = T-45 snap-on hinged data bracket.	C2.49
B.	Mini-Com® Modules.	—



B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

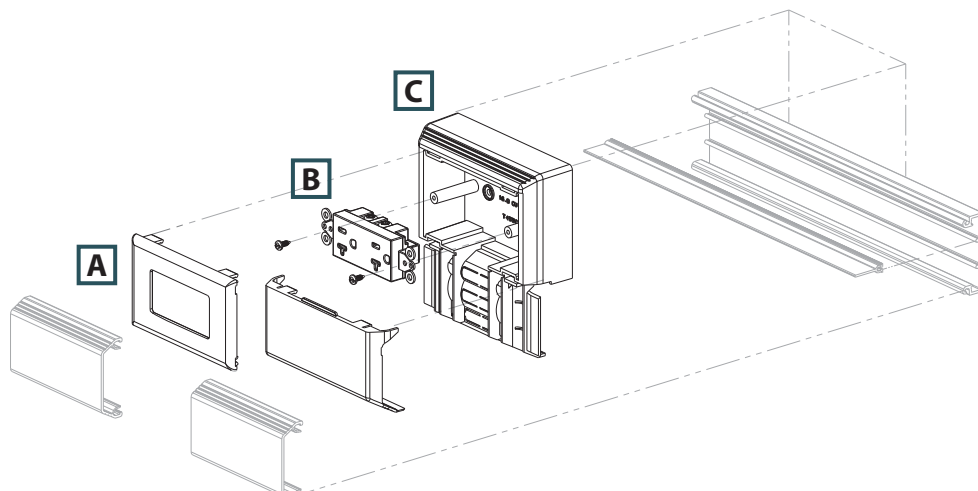
C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

### Exploded View 2

	Components Required	See page
A.	T70PG = Single gang rectangular electrical/communication snap-on faceplate.	C2.53
B.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.61
C.	T45WC = T-45 offset box for screw-on faceplates/receptacles.	C2.49



D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

E2.  
Labels

E3.  
Pre-Printed  
& Write-On  
Markers

E4.  
Permanent  
Identification

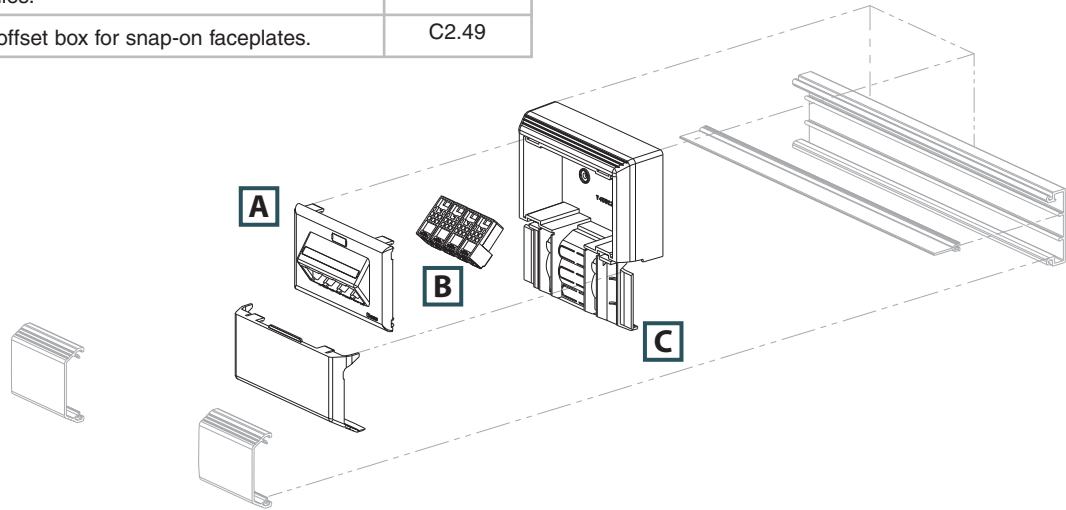
E5.  
Lockout/  
Tagout  
& Safety  
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## T-45 Configurations (continued)

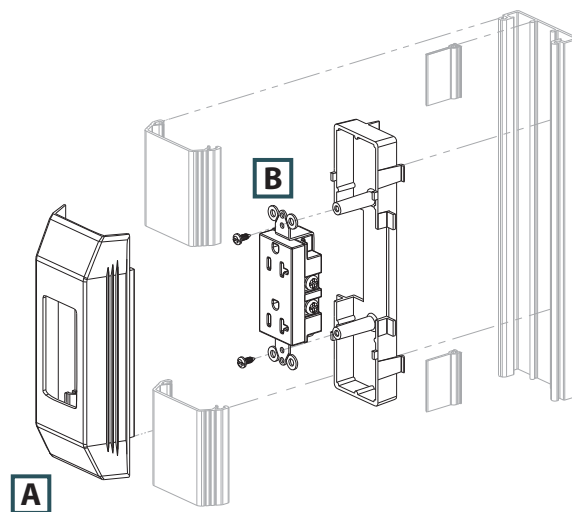
### Exploded View 3

	Components Required	See page
A.	UIT70FH4 = Ultimate ID® Sloped Horizontal Faceplates – 4-Port.	—
B.	Mini-Com® Modules.	—
C.	T45WC2 = T-45 offset box for snap-on faceplates.	C2.49



### Exploded View 4

	Components Required	See page
A.	T45HEGB = T-45 electrical bracket for rectangular outlet.	C2.49
B.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.61



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B3.  
Stainless  
Steel Ties

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Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
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D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

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Labeling  
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E2.  
Labels

E3.  
Pre-Printed  
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E4.  
Permanent  
Identification

E5.  
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A. System Overview

## **Pan-Way® T-45 Surface Raceway System**

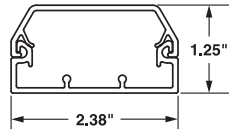
B1. Cable Ties

- UL and CSA rated 600 V; meets UL 5A and CSA C22.2 No. 62.1-03 standards; FT4 rated
- Hinged cover allows easy access from either side
- Optional factory applied adhesive backing speeds installation

- Supplied with pre-punched mounting holes
- Tamper resistant
- Terminates using the T-45 hinged data or power brackets, offset box, or surface mount outlet box solutions

B2. Cable Accessories

B3. Stainless Steel Ties



T-45  
Internal Area = 2.12 Sq. In.

C1. Wiring Duct



T45B

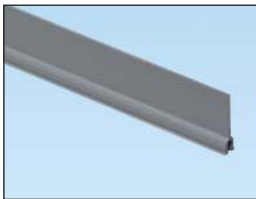
C2. Surface Raceway



T45C

C3. Abrasion Protection

C4. Cable Management



T45DW

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
<b>T-45 Raceway Base with Adhesive</b>					
<b>T45BIW8-A</b>	T-45 raceway base in 8' and 10' lengths with adhesive. Supplied with pre-punched mounting holes.	2.38" x 1.25" (60.3mm x 32.0mm)	Off White	8	160
<b>T45BIW10-A</b>				10	200
<b>T-45 Raceway Base without Adhesive</b>					
<b>T45BIW8</b>	T-45 raceway base in 8' and 10' lengths with adhesive. Supplied with pre-punched mounting holes.	2.38" x 1.25" (60.3mm x 32.0mm)	Off White	8	160
<b>T45BIW10</b>				10	200
<b>T-45 Raceway Cover</b>					
<b>T45CIW8</b>	T-45 raceway cover in 8' and 10' lengths. Can be hinged open on either side of T-45 base.	—	Off White	8	160
<b>T45CIW10</b>				10	200
<b>T-45 Raceway Divider Wall</b>					
<b>T45DW8</b>	T-45 divider wall. Snaps onto rails in T-45 raceway base to create separate channels. Must use wire retainers to ensure channel separation per UL/CSA. Available in 8' and 10' lengths.	—	Gray	8	0
<b>T45DW10</b>				10	200

‡For other colors replace IW (Off White) with EI (Electric Ivory) or BL (Black).  
Order base and cover separately.  
Order number of feet required in multiples of standard carton quantity.





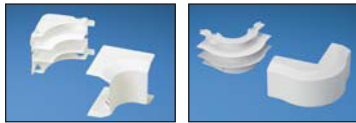
## Pan-Way® T-45 Raceway Fittings

- T-45 fittings are designed to maintain the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems



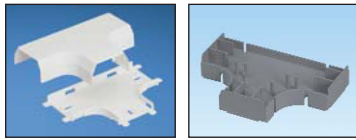
T45CC

T45RA



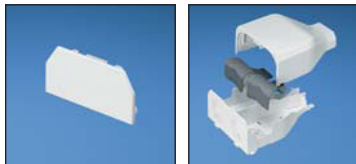
T45IC

T45OC



T45T

T45TD



T45EC

T45EE



T45RLD

T45TRI



T45HDB

T45HEB



T45HEGB

T45WR-X



T45WC

T45WC2

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>T45CCIW-X</b>	Cover coupler fitting. Used to join two pieces of T-45 cover together.	Off White	10	100
<b>T45RAIW</b>	Right angle fitting. Used to join sections of T-45 raceway at 90° flat junction.	Off White	1	10
<b>T45ICIW</b>	Inside corner fitting. Used to join T-45 raceway at inside corner.	Off White	1	10
<b>T45OCIW</b>	Outside corner fitting. Used to join T-45 raceway at 90° outside corner.	Off White	1	10
<b>T45TIW</b>	Tee fitting. Used to join T-45 raceway at tee intersections.	Off White	1	10
<b>T45TD</b>	Divided insert. Used to separate power and data within the T45T.	Gray	1	10
<b>T45ECIW</b>	End cap fitting. Used to terminate T-45 raceway.	Off White	1	10
<b>T45EEIW</b>	Entrance end fitting. With knockouts for 1/2", 3/4", 1" and 1 1/4" conduit which allows entry from ceiling or wall.	Off White	1	10
<b>T45RLDIW</b>	Reducer fitting. Reduces from T-45 to LD10 profile raceway.	Off White	1	10
<b>T45TRI</b>	Provides bend radius control at transition from T-70 to T-45 when used with T70TR.	Gray	1	10
<b>T45HDBIW</b>	Snap-on hinged data bracket. Used for mounting Panduit® Mini-Com® Modules vertically inline within T-45 raceway. Can be hinged opened on either side of T-45 base.	Off White	1	10
<b>T45HEBIW</b>	Electrical bracket and box. Used for mounting standard duplex electrical outlets.	Off White	1	10
<b>T45HEGBIW</b>	Electrical bracket and box. Used for mounting standard rectangular style electrical outlets.	Off White	1	10
<b>T45WR-X</b>	Wire retainers. Used to hold wires in place during installation.	Gray	10	100
<b>T45WCIW</b>	Offset box. Allows for the mounting of any standard electrical or communication outlet offset from the raceway channel. Box accepts any NEMA standard screw-on faceplate or Pan-Way® Electrical Snap-On Faceplates.	Off White	1	10
<b>T45WC2IW</b>	Offset box. Box accepts any Pan-Way® Communication Snap-On Faceplates.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory) or BL (Black). T45TD, T45TRI, and T45WR-X available in Gray only.

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B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

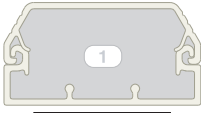
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A. System Overview

## Cable Fill Capacities for T-45 Raceway

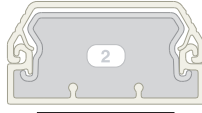
This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.

B1. Cable Ties



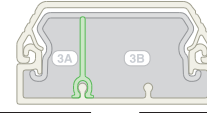
A = 2.13 in.<sup>2</sup>

**Cable fill #1:** T-45 with no devices.



A = 1.72 in.<sup>2</sup>

**Cable fill #2:** T-45 with wire retainer.



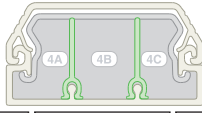
A = 0.44 in.<sup>2</sup>

B = 1.20 in.<sup>2</sup>

**Cable fill #3:** Power and data using a wire retainer and divider wall.

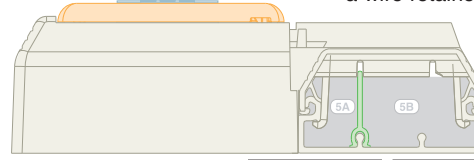
B2. Cable Accessories

B3. Stainless Steel Ties



A = 0.44 in.<sup>2</sup> B = 0.68 in.<sup>2</sup> C = 0.44 in.<sup>2</sup>

**Cable fill #4:** Power and data using a wire retainer and divider walls.



A = 0.41 in.<sup>2</sup>

B = 1.06 in.<sup>2</sup>

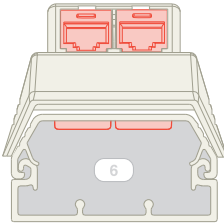
**Cable fill #5:** Power and data using the offset box.

C1. Wiring Duct

C2. Surface Raceway

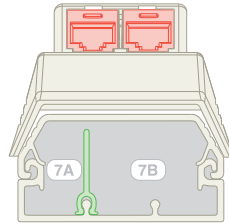
C3. Abrasion Protection

C4. Cable Management



A = 2.00 in.<sup>2</sup>

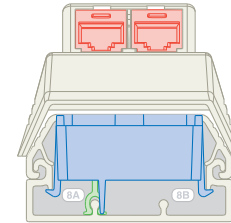
**Cable fill #6:** Data only using hinged data bracket.



A = 0.52 in.<sup>2</sup>

B = 1.20 in.<sup>2</sup>

**Cable fill #7:** Power and data using hinged data bracket with divider insert.



A = 0.22 in.<sup>2</sup>

B = 0.50 in.<sup>2</sup>

**Cable fill #8:** Power and data using electrical bracket/box and hinged data bracket.

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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**SPEC = 40% cable fill** – The recommended design in cable capacity, leaves room for future moves, adds, and changes.

**MAX for Data = 60% cable fill** – The maximum cable quantity based on cable interweaving and packing factors.

**MAX for Power cable fill** – The maximum of electrical cables based on UL temperature rise test.

Raceway Type and Configuration	Fill Area (In. <sup>2</sup> )	Electrical Cables			Data Grade Cables		Data Grade Cables		Audio/Video		Fiber Optic Cable			
		14 AWG	12 AWG	10 AWG	23/24 AWG/UTP	23 AWG/UTP CM	RG6		2 Strand					
		THHN/T90			Cat 6. (4-pr.)		Augmented Cat. 6							
		0.111	0.130	0.164	DIA. = .250		DIA. = .354		DIA. = .275		DIA. = .175			
		FILL			FILL		FILL		FILL		FILL			
		MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	MAX	
(UL Temp Rise Test)			(40%)		(60%)		(40%)		(60%)		(40%)		(60%)	
1. T-45: No devices.	2.13	36	27	25	17	26	9	14	14	21	35	53		
2. T-45: No devices with wire retainer.	1.72	36	27	25	14	21	8	12	11	17	28	42		
3A. T-45: Power and data with wire retainer and divider wall	0.44	12	11	8	—	—	—	—	—	—	—	—		
3B. (2 channels).	1.20	—	—	—	9	14	5	8	8	12	19	29		
4A. T-45: Power and data with wire retainer and two divider walls (three channels).	0.44	12	11	8	3	5	2	3	2	4	7	10		
4B.	0.68	—	—	—	5	8	3	4	4	6	11	16		
4C.	0.44	—	—	—	3	5	2	3	2	4	7	10		
5A. T-45: Power and data using the offset box.	0.41	12	11	8	—	—	—	—	—	—	—	—		
5B.	1.06	—	—	—	8	12	4	7	7	10	17	26		
6. T-45: Data only using data bracket.	2.00	—	—	—	16	24	9	14	13	20	33	49		
7A. T-45: Power and data using hinged data bracket with divider insert.	0.52	12	11	8	—	—	—	—	—	—	—	—		
7B.	1.20	—	—	—	9	14	5	8	8	12	19	29		
8A. T-45: Power and data using electrical bracket and box.	0.22	9	7	4	—	—	—	—	—	—	—	—		
8B.	0.50	—	—	—	4	6	2	3	3	5	8	12		

AWG dimensions represent typical outer cable diameter in inches.

## PAN-WAY® SNAP-ON FACEPLATES AND SURFACE MOUNT OUTLET BOXES

Pan-Way® Snap-On Faceplates are designed for use with Panduit surface raceway systems and install faster than conventional screw-on faceplates, reducing labor costs and providing a more aesthetic appearance. Pan-Way® Snap-On Communication Faceplates are available in vertical and horizontal orientation and accept Panduit® Mini-Com® Copper and Fiber Optic Modules. Electrical outlets are available in colors to complement Panduit raceway and are available in 20 A, 106 duplex, rectangular, TVSS and GFCI.



- Snap-on faceplates install without the use of screws providing faster installation and superior aesthetics
- Fast-Snap™ Boxes assemble without the use of screws and accept Pan-Way® Snap-On Faceplates
- Snap-on communication faceplates are available in horizontal or vertical sloped outlet configurations
- Snap-on electrical faceplates are available in 106 duplex or rectangular styles

Surface mount outlet boxes are available for both power and communication applications. They are compatible with Pan-Way® LD, LDPH, LD2P10 and T-45 Raceway Systems. Pan-Way® Snap-On Faceplates mount directly to Cove, TG-70, T-70, Twin-70 raceways, Pan-Way® Fast-Snap™ Boxes and Pan-Pole™ Aluminum Outlet Poles.

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A. System Overview



## Pan-Way® Fast-Snap™ Surface Mount Outlet Boxes

B1. Cable Ties

- JB1FS and JBP2FS assemble without the use of screws for faster installation
- JB1FS and JBP2FS are supplied with adhesive backing to speed installation

- JB1FS and JBP2FS accept Pan-Way® Snap-on Faceplates for superior aesthetics

B2. Cable Accessories



JB1FS\*\*-A



JBP1FS\*\*

B3. Stainless Steel Ties

C1. Wiring Duct



JBP2FS\*\*

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



## Pan-Way® Classic Series Snap-On Faceplates for Use with Panduit® Mini-Com® Modules

- Can be used with Pan-Way® Cove, TG-70, T-70, Twin-70, T-45 Raceway Systems, Fast-Snap™ Outlet Boxes and Pan-Pole™ Aluminum Outlet Pole

D1. Terminals



T70FH2



T70FH4

D2. Power Connectors

D3. Grounding Connectors



T70FV2



T70FV4

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>JB1FSIW-A</b>	Single gang two-piece snap together outlet box with adhesive backing. Box accepts Pan-Way® Snap-On Faceplates. For use with Pan-Way® T-45 or LD profile raceway. 5.00"L x 3.26"W x 1.62"H (127.1mm x 82.7mm x 41.1mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
<b>JBP1FSIW</b>	Single gang power rated two-piece snap together outlet box. Box accepts Pan-Way® Snap-On Faceplates. For use with Pan-Way® T-45 or LD, LDP, LDPH, LDS profile raceways. 5.00"L x 3.26"W x 1.62"H (127.1mm x 82.7mm x 41.1mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
<b>JBP2FSIW</b>	Double gang power rated two-piece snap together outlet box. Box accepts Pan-Way® Snap-On Faceplates. For use with Pan-Way® T-45 or LD profile raceway. 5.00"L x 6.14"W x 1.62"H (127.1mm x 155.9mm x 41.1mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White). For complete labeling solutions and product information, reference chart below.



Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>T70FH2IW</b>	Snap-on horizontal sloped communication faceplate. Accepts two Panduit® Mini-Com® Modules (not included). No additional mounting hardware required.	Off White	1	10
<b>T70FH4IW</b>	Snap-on horizontal sloped communication faceplate. Accepts four Panduit® Mini-Com® Modules (not included). No additional mounting hardware required.	Off White	1	10
<b>T70FV2IW</b>	Snap-on vertical sloped communication faceplate. Accepts two Panduit® Mini-Com® Modules (not included). No additional mounting hardware required.	Off White	1	10
<b>T70FV4IW</b>	Snap-on vertical sloped communication faceplate. Accepts four Panduit® Mini-Com® Modules (not included). No additional mounting hardware required.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White). For complete labeling solutions and product information, reference chart below.

## Component Labels for Pan-Way® Classic Series Snap-On Faceplates for Use with Panduit® Mini-Com® Modules and Inserts

### Suggested Label Solutions for TIA/EIA-606-A Compliance

Faceplate Part Number	Laser/Ink Jet Desktop Printer Label	TDP43MY Thermal Transfer Desktop Printer Label	PanTher™ LS8E Hand-Held Printer Label	Cougar™ LS9 Hand-Held Printer Label
T70FH2IW	C125X030FJJ	C125X030YPT	C125X030FJC	T031X000FJC-BK
T70FV2IW				
T70FV4IW				
All T70B Parts				
T70FH4IW	C252X030FJJ	C252X030YPT	C252X030FJC	T031X000FJC-BK



## Pan-Way® Classic Series Snap-On Faceplates for Use with Panduit® Mini-Com® Inserts

- Single gang vertical or horizontal sloped communication faceplates accept one or two Panduit® Mini-Com® Inserts
- Can be used with Pan-Way® Cove, TG-70, T-70, Twin-70, T-45 Raceway Systems, Fast-Snap™ Outlet Boxes and Pan-Pole™ Aluminum Outlet Pole



T70BH1



T70BH2



T70B1



T70B2

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>T70BH1IW</b>	Snap-on horizontal communication faceplate. Accepts one 1/2-size Panduit® Mini-Com® Insert and two modules. No additional mounting hardware required.	Off White	1	10
<b>T70BH2IW</b>	Snap-on horizontal communication faceplate. Accepts two 1/2-size Panduit® Mini-Com® Inserts and four modules. No additional mounting hardware required.	Off White	1	10
<b>T70B1IW</b>	Snap-on vertical communication faceplate. Holds one 1/2-size Panduit® Mini-Com® Insert and two modules. No additional mounting hardware required.	Off White	1	10
<b>T70B2IW</b>	Snap-on vertical communication faceplate. Holds two 1/2-size Panduit® Mini-Com® Inserts and four modules. No additional mounting hardware required.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White). For complete labeling solutions and product information, reference chart on previous page.



## Pan-Way® Classic Series Snap-On Faceplates for Communication/Power

- Can be used with Pan-Way® Cove, TG-70, T-70, Twin-70, T-45 Raceway Systems, Fast-Snap™ Outlet Boxes and Pan-Pole™ Aluminum Outlet Pole



T70P



T70PG



T70PS



T70PGS



T70PN

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>T70PIW</b>	Snap-on single gang 106 duplex electrical/communication faceplate. Used to cover one NEMA standard 106 duplex electrical outlet. In communication applications, covers one standard 106 duplex communication module frame.	Off White	1	10
<b>T70PGIW</b>	Snap-on single gang rectangular electrical/communication faceplate. Used to cover one NEMA standard rectangular electrical outlet. In communication applications, covers one standard rectangular communication module frame.	Off White	1	10
<b>T70PSIW</b>	Snap-on single gang 106 duplex communication faceplate. Used to cover one NEMA standard 106 duplex communication module frame. Module frame screw mounts directly to underside of snap-on faceplate. No mounting device needed. Supplied with one mounting screw. Note: Not for use with electrical devices.	Off White	1	10
<b>T70PGSIW</b>	Snap-on single gang rectangular communication faceplate. Used to cover one NEMA standard rectangular communication module frame. Module frame screw mounts directly to underside of snap-on faceplate. No mounting device needed. Supplied with two mounting screws. Note: Not for use with electrical devices.	Off White	1	10
<b>T70PNIW</b>	Snap-on single gang blank cover faceplate.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White). Component Labels for Pan-Way® Classic Series Snap-On Faceplates for Communication and Power, please reference pg. C2.59.

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B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

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 D3. Grounding Connectors  
 E1. Labeling Systems  
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 E3. Pre-Printed & Write-On Markers  
 E4. Permanent Identification  
 E5. Lockout/Tagout & Safety Solutions  
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## Panduit® NetKey® Snap-On Sloped Keystone Faceplates

- Accept all Panduit® NetKey® Keystone Copper Modules and Duplex Fiber Optic Modules
- Snap into raceway channel, requires no additional mounting hardware or adapters – greatly reducing installation time
- Lowest cost for moves, adds, and changes
- Tamper resistant
- Can be used with Pan-Way® Cove, TG-70, T70, Twin-70, T-45 Raceway Systems, Fast-Snap™ Outlet Boxes, and Pan-Pole™ Aluminum Outlet Poles



NK2HSRF

NK4HSRF



NK4VSRF

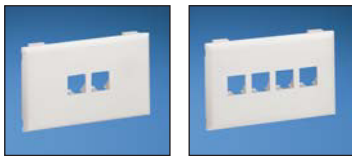
Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>NK2HSRFIW</b>	Snap-on 2-position sloped horizontal faceplate accepts any Panduit® NetKey® Module. Compatible with Panduit® NetKey® Outlet Boxes, Surface Raceway Systems, and Pan-Pole™ Outlet Poles.	Off White	1	10
<b>NK4HSRFIW</b>	Snap-on 4-position sloped horizontal faceplate accepts any Panduit® NetKey® Module. Compatible with Panduit® NetKey® Outlet Boxes, Surface Raceway Systems, and Pan-Pole™ Outlet Poles.	Off White	1	10
<b>NK4VSRFIW</b>	Snap-on 4-position sloped vertical faceplate accepts any Panduit® NetKey® Module. Compatible with Panduit® NetKey® Outlet Boxes, Surface Raceway Systems, and Pan-Pole™ Outlet Poles.	Off White	1	10

Panduit® NetKey® faceplates are NOT compatible with Panduit® Mini-Com® Modules.  
 ‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).  
 For complete labeling solutions, reference chart below.



## Panduit® NetKey® Snap-On Flush Universal Keystone Faceplates

- Wider module spacing to accept common manufacturers' keystone modules .900 inches wide or less
- Can be used with Pan-Way® Cove, TG-70, T70, Twin-70, T-45 Raceway Systems, Fast-Snap™ Outlet Boxes, and Pan-Pole™ Aluminum Outlet Poles



T70KW2

T70KW4

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>T70KW2IW</b>	Snap-on 2-position flush mount faceplate accepts any Panduit® NetKey® Module and most other manufacturers' keystone modules. Compatible with Panduit® Fast-Snap™ Outlet Boxes, Surface Raceway Systems, and Pan-Pole™ Outlet Poles.	Off White	1	10
<b>T70KW4IW</b>	Snap-on 4-position flush mount faceplate accepts any Panduit® NetKey® Module and most other manufacturers' keystone modules. Compatible with Panduit® Fast-Snap™ Outlet Boxes, Surface Raceway Systems, and Pan-Pole™ Outlet Poles.	Off White	1	10

Panduit® NetKey® faceplates are NOT compatible with Panduit® Mini-Com® Modules.  
 ‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).  
 For complete labeling solutions, reference chart below.

### Component Labels for Snap-On “Sloped” (Keystone) Faceplates and Snap-On “Flush” Universal (Keystone) Faceplates

Suggested Label Solutions for TIA/EIA-606-A Compliance			
Faceplate Part Number	Laser/Ink Jet Desktop Printer Label	PanTher™ LS8E Hand-Held Printer Label	Cougar™ LS9 Hand-Held Printer Label
NK2HSRFIW T70KW2IW	C125X030FJJ	C125X030FJC	T031X000FJC-BK
NK4VSRFIW	2-C125X030FJJ	2-C125X030FJC	
NK4HSRFIW T70KW4IW	C261X030FJJ	C125X030FJC	



## Pan-Way® Snap-On Faceplates for SYSTIMAX® Communication Modules

- Can be used with Pan-Way® Cove, TG-70, T70, Twin-70, T-45 Raceway Systems, Fast-Snap™ Outlet Boxes, and Pan-Pole™ Aluminum Outlet Poles



T70L2



T70L4



T70LV2



T70LV4

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>T70L2IW</b>	Snap-on horizontal communication faceplate designed to accept two SYSTIMAX® communication modules (not included). Can be used with Panduit surface raceway systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10
<b>T70L4IW</b>	Snap-on horizontal communication faceplate designed to accept four SYSTIMAX® communication modules (not included). Can be used with Panduit surface raceway systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10
<b>T70LV2IW</b>	Snap-on vertical communication faceplate designed to accept two SYSTIMAX® communication modules (not included). Can be used with Panduit surface raceway systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10
<b>T70LV4IW</b>	Snap-on vertical communication faceplate designed to accept four SYSTIMAX® communication modules (not included). Can be used with Panduit surface raceway systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).  
 \*SYSTIMAX is a registered trademark of Commscope, Inc.  
 For complete labeling solutions, reference chart below.

### Component Labels for Pan-Way® Snap-On Faceplates for use with SYSTIMAX® Communication Modules

Faceplate Part Number	Suggested Label Solutions for TIA/EIA-606-A Compliance		
	Laser/Ink Jet Desktop Printer Label	PanTher™ LS8E Hand-Held Printer Label	Cougar™ LS9 Hand-Held Printer Label
T70L2IW T70LV2IW	C125X030FJJ	C125X030FJC	T031X000FJC-BK
T70LV4IW	2-C125X030FJJ	2-C125X030FJC	
T70L4IW	C261X030FJJ	C125X030FJC	

\*SYSTIMAX is a registered trademark of Commscope, Inc.

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B2. Cable Accessories

B3. Stainless Steel Ties

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C2. Surface Raceway

C3. Abrasion Protection

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E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview



## Pan-Way® Snap-On Faceplates for Nordx/CDT\* Communication Modules

B1. Cable Ties

- Can be used with Pan-Way® Cove, TG-70, T70, Twin-70, T-45 Raceway Systems, Fast-Snap™ Outlet Boxes, and Pan-Pole™ Aluminum Outlet Poles

B2. Cable Accessories



T70N2

B3. Stainless Steel Ties



T70N4

C1. Wiring Duct

C2. Surface Raceway



T70NV2

C3. Abrasion Protection

C4. Cable Management



T70NV4

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>T70N2IW</b>	Snap-on horizontal communication faceplate designed to accept two Nordx/CDT* communication modules (not included). Can be used with Panduit surface raceway systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10
<b>T70N4IW</b>	Snap-on horizontal communication faceplate designed to accept four Nordx/CDT* communication modules (not included). Can be used with Panduit surface raceway systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10
<b>T70NV2IW</b>	Snap-on vertical communication faceplate designed to accept two Nordx/CDT* communication modules (not included). Can be used with Panduit surface raceway systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10
<b>T70NV4IW</b>	Snap-on vertical communication faceplate designed to accept two Nordx/CDT* communication modules (not included). Can be used with Panduit surface raceway systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory).

\*Nordx/CDT is a registered trademark of Nordx/CDT, Inc.

For complete labeling solutions, reference chart below.

### Component Labels for Pan-Way® Snap-On Faceplates for use with Nordx/CDT\* Communication Modules

Suggested Label Solutions for TIA/EIA-606-A Compliance			
Faceplate Part Number	Laser/Ink Jet Desktop Printer Label	PanTher™ LS8E Hand-Held Printer Label	Cougar™ LS9 Hand-Held Printer Label
T70N2IW T70NV2IW	C125X030FJJ	C125X030FJC	T031X000FJC-BK
T70NV4IW	2-C125X030FJJ	2-C125X030FJC	
T70N4IW	C261X030FJJ	C125X030FJC	

\*Nordx/CDT is a registered trademark of Nordx/CDT, Inc.

For complete labeling solutions, reference charts on pages E2.4 and E2.5.





## Pan-Way® Low Voltage Surface Mount Outlet Boxes

- JBX3510 assembles without the use of screws for faster installation
- JB1 and JB1D are a one-piece design requiring no assembly
- JBX3510, JB1, and JB1D are supplied with adhesive backing to speed installation



**JBX3510\*\*-A**



**JB1\*\*-A**



**JB1D\*\*-A**



**JBP2**



**JBP2D**



**RJBX3510**



**JBA-X**



**JB1FS\*\*-A**

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>JBX3510IW-A</b>	Single gang two-piece snap together outlet box with adhesive backing. Box accepts Pan-Way® Screw-On Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® T45 or LD profile raceway. 5.00"L x 3.26"W x 1.62"H (127.1mm x 82.7mm x 41.1mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
<b>JB1IW-A</b>	Single gang one-piece outlet box with adhesive backing. Box accepts Pan-Way® Screw-On Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® LD profile raceway. 5.09"L x 3.34"W x 1.75"H (129.4mm x 85.0mm x 44.4mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
<b>JB1DIW-A</b>	Single gang one-piece deep outlet box with adhesive backing. Box accepts Pan-Way® Screw-On Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® LD profile raceway. 5.23"L x 3.48"W x 2.75"H (133.0mm x 88.5mm x 69.8mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
<b>JBP2IW</b>	Double gang two-piece screw together outlet box. Box accepts Pan-Way® Screw-On Faceplates or any NEMA standard double gang faceplates. For use with Pan-Way® LD profile raceway. 5.05"L x 5.05"W x 1.62"H (128.2mm x 128.2mm x 41.1mm). Breakouts for 1/2" or 3/4" diameter conduit.	Off White	1	10
<b>JBP2DIW</b>	Double gang two-piece screw together deep outlet box. Box accepts Pan-Way® Screw-On Faceplates or any NEMA standard double gang faceplate. For use with Pan-Way® T-45 or LD profile raceway. 5.19"L x 5.19"W x 2.75"H (131.9mm x 131.9mm x 69.8mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
<b>RJBX3510IW</b>	Single gang two-piece screw together round outlet box. Box accepts UL/CSA devices not to exceed 10 lbs. (5 lbs. per CSA). For use with Pan-Way® LD profile raceway. Dia. = 5.48"D x 1.14"H (139.2mm x 29.0mm). Breakouts for 3/4" or 1" diameter conduit.	Off White	1	5
<b>JBA-X</b>	In-wall box adapter. Adapts single gang surface mount outlet boxes to in-wall conduit boxes.	—	10	100
<b>JB1FSIW-A</b>	Single gang two-piece snap together outlet box with adhesive backing. Box accepts Pan-Way® Snap-On Faceplates. For use with Pan-Way® T-45 or LD profile raceway. 5.00"L x 3.26"W x 1.62"H (127.1mm x 82.7mm x 41.1mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

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B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

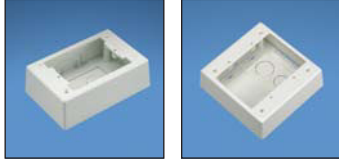


## Pan-Way® Power Rated Surface Mount Outlet Boxes

B1. Cable Ties

- JBP1FS and JBP2FS assemble without the use of screws for faster installation
- JBP1FS and JBP2FS are supplied with adhesive backing to speed installation
- JBP1FS and JBP2FS accept Pan-Way® Snap-on Faceplates for superior aesthetics

B2. Cable Accessories

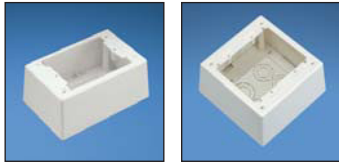


JBP1

JBP2

B3. Stainless Steel Ties

C1. Wiring Duct

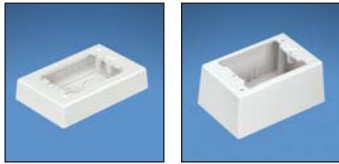


JBP1D

JBP2D

C2. Surface Raceway

C3. Abrasion Protection



JBP1E

JBP1I

C4. Cable Management

D1. Terminals



PSJBX

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>JBP1IW</b>	Single gang two-piece screw together outlet box. Box accepts Pan-Way® Screw-On Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® LD profile raceway. 5.19"L x 3.45"W x 1.75"H (131.9mm x 87.7mm x 44.4mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
<b>JBP2IW</b>	Double gang two-piece screw together outlet box. Box accepts Pan-Way® Screw-On Faceplates or any NEMA standard double gang faceplates. For use with Pan-Way® LD profile raceway. 5.05"L x 5.05"W x 1.62"H (128.2mm x 128.2mm x 41.1mm). Breakouts for 1/2" or 3/4" diameter conduit.	Off White	1	10
<b>JBP1DIW</b>	Single gang two-piece screw together deep outlet box. Box accepts Pan-Way® Screw-On Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® T-45, LD2P10 (when used with JBD1), or LD profile raceway. 5.19"L x 3.45"W x 2.75"H (131.9mm x 87.7mm x 69.8mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
<b>JBP2DIW</b>	Double gang two-piece screw together deep outlet box. Box accepts Pan-Way® Screw-On Faceplates or any NEMA standard double gang faceplate. For use with Pan-Way® T-45 or LD profile raceway. 5.19"L x 5.19"W x 2.75"H (131.9mm x 131.9mm x 69.8mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
<b>JBP1EIW</b>	Single gang two-piece screw together extension outlet box. Box accepts Pan-Way® Screw-On Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® LD profile raceway. 4.99"L x 3.30"W x 1.00"H (126.7mm x 83.8mm x 25.4mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
<b>JBP1IIW</b>	Single gang two-piece screw together intermediate outlet box. Box accepts Pan-Way® Screw-On Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® LD profile raceway. 5.12"L x 3.38"W x 2.27"H (130.2mm x 86.0mm x 57.7mm). Breakouts for 1/2" or 3/4" diameter conduit.	Off White	1	10
<b>PSJBXIW</b>	Single gang two-piece snap together power source box. For use with Pan-Way® LDPH3, 5, 10, or LDS3, or 5 profile raceway. 5.02"L x 3.32"W x 1.31"H (127.6mm x 83.0mm x 33.3mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).



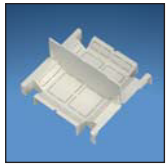
## Pan-Way® Power Rated Surface Mount Outlet Boxes (continued)



JBD1



JBP2S



JBD2



JBP1FS



JBP2FS



JBP1MR20



JBP1MD20



RJBX3510

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>JBD1</b>	Single gang pass-through divider. Allows power and communication outlets to be routed in series. For use with JBP1 or JBP1D when installing LD2P10 raceway.	Off White	1	10
<b>JBP2SIW</b>	Double gang two-piece screw together divided outlet box. Box accepts Pan-Way® Screw-On Faceplates or any NEMA standard double gang faceplate. For use with Pan-Way® T-45 or LD profile raceway. 5.05"L x 5.05"W x 1.62"H (128.2mm x 128.2mm x 41.1mm). Breakouts for 1/2" or 3/4" diameter conduit.	Off White	1	10
<b>JBD2</b>	Double gang pass-through divider. Allows power and communication outlets to be routed in series. For use with JBP2D when installing LD2P10 raceway.	Off White	1	10
<b>JBP1FSIW</b>	Single gang power rated two-piece snap together outlet box. Box accepts Pan-Way® Snap-On Faceplates. For use with Pan-Way® T-45 or LD, LDP, LDPH, LDS profile raceways. 5.00"L x 3.26"W x 1.62"H (127.1mm x 82.7mm x 41.1mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
<b>JBP2FSIW</b>	Double gang power rated two-piece snap together outlet box. Box accepts Pan-Way® Snap-On Faceplates. For use with Pan-Way® T-45 or LD profile raceway. 5.00"L x 6.14"W x 1.62"H (127.1mm x 155.9mm x 41.1mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
<b>JBP1MR20IW</b>	Single gang two-piece power rated low profile snap together outlet box. Includes 20A U.S. style rectangular electrical outlet. For use with Pan-Way® LDPH3, 5, 10 or LDS3 or 5 profile raceway only. 4.84"L x 2.90"W x 1.20"H (122.9mm x 73.6mm x 30.4mm).	Off White	1	10
<b>JBP1MD20IW</b>	Single gang two-piece power rated low profile snap together outlet box. Includes 20A U.S. style 106 duplex electrical outlet. For use with Pan-Way® LDPH3, 5, 10 or LDS3 or 5 profile raceway only. 4.84"L x 2.90"W x 1.22"H (122.9mm x 73.6mm x 30.9mm).	Off White	1	10
<b>RJBX3510IW</b>	Single gang two-piece screw together round outlet box. Box accepts UL/CSA devices not to exceed 10lbs. (5lbs. per CSA). For use with Pan-Way® LD profile raceway. Dia. = 5.48"D x 1.14"H (139.2mm x 29.0mm). Breakouts for 3/4" or 1" diameter conduit.	Off White	1	5

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

A.  
System  
Overview

B1.  
Cable Ties

B2.  
Cable  
Accessories

B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

E2.  
Labels

E3.  
Pre-Printed  
& Write-On  
Markers

E4.  
Permanent  
Identification

E5.  
Lockout/  
Tagout  
& Safety  
Solutions

F.  
Index

A. System Overview

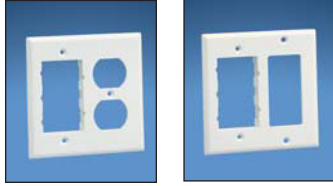


## Pan-Way® Classic Series Faceplates for Power and Communication Applications

B1. Cable Ties

- For use with JBP2S or JBP2D outlet boxes

B2. Cable Accessories

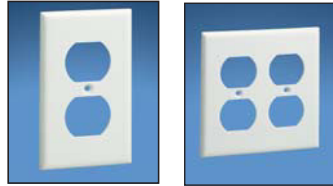


FP2DC

FP2RC

B3. Stainless Steel Ties

C1. Wiring Duct

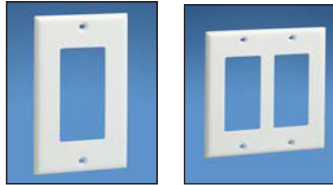


CP106

CP106\*\*-2G

C2. Surface Raceway

C3. Abrasion Protection



CPG

CPG\*\*-2G

C4. Cable Management

D1. Terminals



CPN

CPN\*\*-2G

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>FP2DCIW</b>	Covers one NEMA standard 106 duplex electrical receptacle and accepts Panduit® Mini-Com® 1/2-size, 1/3-size, and 2/3-size Inserts. For product application, please reference LD profile raceway section.	Off White	1	10
<b>FP2RCIW</b>	Covers one NEMA standard rectangular electrical receptacle and accepts Panduit® Mini-Com® 1/2-size, 1/3-size, and 2/3-size Inserts. For product application, please reference LD profile raceway section.	Off White	1	10
<b>CP106IW</b>	Screw-on single gang 106 duplex faceplate. Covers one NEMA standard 106 duplex electrical outlet or one standard 106 communication module frame.	Off White	1	10
<b>CP106IW-2G</b>	Screw-on double gang 106 duplex faceplate. Covers two NEMA standard 106 duplex electrical outlets or two standard 106 communication module frames.	Off White	1	10
<b>CPGIW</b>	Screw-on single gang rectangular faceplate. Covers one NEMA standard rectangular electrical outlet or one standard rectangular communication module frame.	Off White	1	10
<b>CPGIW-2G</b>	Screw-on double gang rectangular faceplate. Covers two NEMA standard rectangular electrical outlets or two standard rectangular communication module frames.	Off White	1	10
<b>CPNIW</b>	Screw-on single gang blank cover faceplate. Can be used with Pan-Way® Cove, TG-70, T-70, Twin-70, T-45 Raceway Systems, Fast-Snap™ Outlet Boxes and Pan-Pole™ Aluminum Outlet Pole. Supplied with two mounting screws.	Off White	1	10
<b>CPNIW-2G</b>	Screw-on double gang blank cover faceplate. For use with Pan-Way® Surface Mount Outlet Boxes. Supplied with four mounting screws.	Off White	1	10

‡For other colors replace suffix IW (Off White) with EI (Electric Ivory), IG (International Gray), WH (White), or AL (Almond).

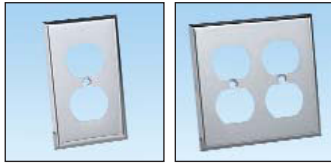
All faceplates supplied with mounting screws.

For complete labeling solutions, reference label chart below.

### Component Labels for Pan-Way® Classic Series Faceplates for Power and Communication Applications

Faceplate Part Number	Suggested Label Solutions for TIA/EIA-606-A Compliance			
	Laser/Ink Jet Desktop Printer Label	TDP43MY Thermal Transfer Desktop Printer Label	PanTher™ LS8E Hand-Held Printer Label	Cougar™ LS9 Hand-Held Printer Label
<b>CPGIW T70PGS</b>	C125X030FJJ	C125X030YPT	C125X030FJC	T031X000FJC-BK
<b>CPGIW-2G FP2RC</b>	2-C125X030FJJ	2-C125X030YPT	2-C125X030FJC	T031X000FJC-BK
<b>T70PG</b>	C261X030FJJ	T031X000FJT	C261X030FJC	T031X000FJC-BK

**UL LISTED SP® Pan-Way® Stainless Steel Faceplates**



WPS-20

WPS-202

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>WPS-20</b>	Stainless steel single gang 106 duplex screw-on faceplate. Covers one NEMA standard 106 duplex electrical outlet or one standard 106 communication module frame.	1	10
<b>WPS-202</b>	Stainless steel double gang 106 duplex screw-on faceplate. Covers two NEMA standard 106 duplex electrical outlets or two standard 106 communication module frames.	1	10

All faceplates supplied with mounting screws.

**UL LISTED Pan-Way® Electrical Outlets**

• Electrical outlets are standard electrical devices that fit into Pan-Way® Outlet Boxes or any NEMA standard outlet boxes



EDU20

ERU20



ETU20

EGU20

Part Number	Part Description	Color‡	Std. Pkg. Qty.
<b>EDU20IW-X</b>	20 A specification grade 106 duplex outlet.	Off White	10
<b>ERU20IW-X</b>	20 A specification grade rectangular outlet.	Off White	10
<b>ETU20IW-X</b>	20 A specification grade TVSS rectangular outlet (transient voltage surge suppressor).	Off White	10
<b>EGU20IW-X</b>	20 A specification grade GFCI rectangular outlet (ground fault circuit interrupter).	Off White	10

‡For other colors, replace IW (Off White) with EI (Electric Ivory).  
All outlets supplied with mounting screws.

**UL SA LISTED SP® Pan-Way® Surface Mount Outlet Box with 20 A Electrical Outlet**

• Supplied with a 20 A U.S. style rectangular electrical outlet and a 20 A 106 duplex electrical outlet.



JBP1MR20



JBP1MD20

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>JBP1MR20IW</b>	Single gang two-piece power rated low profile snap together outlet box. Includes 20 A U.S. style rectangular electrical outlet. For use with Pan-Way® LDPH3, 5, 10 or LDS3 or 5 profile raceway only. 4.84"L x 2.90"W x 1.20"H (122.9mm x 73.6mm x 30.4mm).	Off White	1	10
<b>JBP1MD20IW</b>	Single gang two-piece power rated low profile snap together outlet box. Includes 20 A U.S. style 106 duplex electrical outlet. For use with Pan-Way® LDPH3, 5, 10 or LDS3 or 5 profile raceway only. 4.84"L x 2.90"W x 1.22"H (122.9mm x 73.6mm x 30.9mm).	Off White	1	10

‡For other color replace IW (Off White) with EI (Electric Ivory).

A.  
System  
Overview

B1.  
Cable Ties

B2.  
Cable  
Accessories

B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

E2.  
Labels

E3.  
Pre-Printed  
& Write-On  
Markers

E4.  
Permanent  
Identification

E5.  
Lockout/  
Tagout  
& Safety  
Solutions

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## Selection Chart for using Pan-Way® Surface Raceway with Pan-Way® Surface Mount Outlet Boxes

How to use this chart:

1. Locate the desired Pan-Way® Raceway in the left column.
2. Locate the desired Pan-Way® Outlet Box in the top row.
3. Match up the raceway with the outlet box to see if they are compatible (Y = yes, N = no).
4. Select correct surface mount outlet box.

Pan-Way® Surface Mount Outlet Boxes									
Low Voltage or Fiber Optic ONLY	Power, Low Voltage, or Fiber Optic								
JB1, JB1D JB1FS JBX3510	RJBX3510	JBP1	JBP1D	JBP1E	JBP1I JBP2	JBP2S JBP2D JBP2FS	JBP1MR20 JBP1MD20	PSJBX	
<b>Type LD (Low Voltage, or Fiber Optic ONLY)</b>									
LD3	Y	Y	Y	Y	Y	Y	Y	N	Y
LD5	Y	Y	Y	Y	Y	Y	Y	N	Y
LD10	Y	Y	Y	Y	Y	Y	Y	N	Y
<b>Type LDPH (Power, Low Voltage, or Fiber Optic)</b>									
LDPH3	Y	Y	Y	Y	Y	Y	Y	Y	Y
LDPH5	Y	Y	Y	Y	Y	Y	Y	Y	Y
LDPH10	Y	Y	Y	Y	Y	Y	Y	Y	Y
<b>Type LDS (Power, Low Voltage, or Fiber Optic)</b>									
LDS3	Y	Y	Y	Y	Y	Y	Y	Y	Y
LDS5	Y	Y	Y	Y	Y	Y	Y	Y	Y
<b>Type LD2P10 (Power, Low Voltage, or Fiber Optic)</b>									
LD2P10	N	N	N	Y w/JBD1	N	N	Y	N	N
<b>Type T-45 (Power, Low Voltage, or Fiber Optic)</b>									
T-45	Y (JB1FS and JBX3510)	N	N	Y	N	N	Y	N	N

## PAN-WAY® LD PROFILE NON-METALLIC SURFACE RACEWAY



Pan-Way® LD Profile Raceway is available in single and multi-channel styles to provide a solution for routing copper, fiber optic, and power cabling along fixed perimeter walls.



- LD2P10 features one-piece multi-channel design for both power and data applications
- LDPH is a tamper resistant two-piece latching surface raceway supplied with pre-applied adhesive backed tape
- LD features one-piece single channel design for data routing
- LDS features one-piece single channel tamper resistant design with maximum security for power OR data applications



Pan-Way® LD Profile Raceways include a full complement of fittings for standard, bend radius control, power rated and multi-channel use, and transition easily to other Panduit raceway such as Cove, TG-70, T-70, Twin-70 and T-45.

A.  
System  
Overview

B1.  
Cable Ties

B2.  
Cable  
Accessories

B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

E2.  
Labels

E3.  
Pre-Printed  
& Write-On  
Markers

E4.  
Permanent  
Identification

E5.  
Lockout/  
Tagout  
& Safety  
Solutions

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A. System Overview

## LD2P10 Profile Raceway Roadmap

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

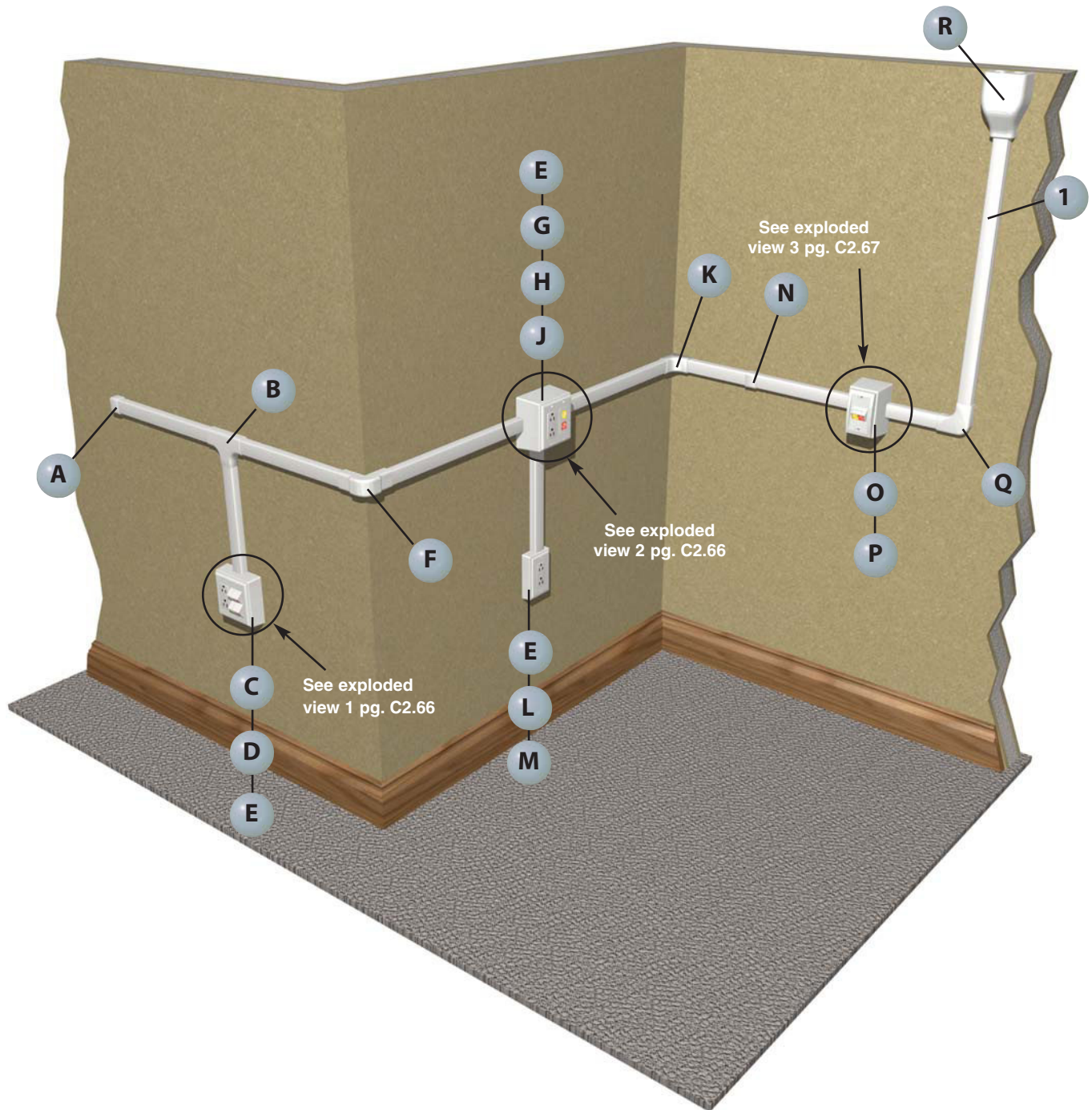
E2. Labels

E3. Pre-Printed & Write-On Markers

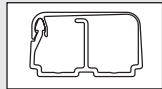
E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

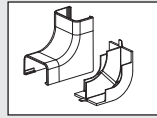
F. Index



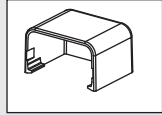




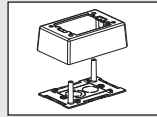
**1** LD2P10\*\* – Raceway (page C2.75)



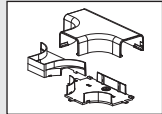
**K** ICFX10\*\* – Power Rated Inside Corner Fitting (page C2.75)



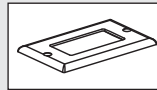
**A** ECFX10\*\* – Power Rated End Cap Fitting (page C2.75)



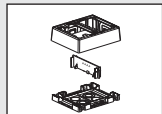
**L** JBP1\*\* – Power Rated Single Gang Two-Piece Box (page C2.58)



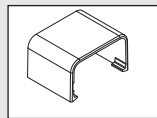
**B** TFXD10\*\* – 1 Inch Bend Radius Tee Fitting (page C2.75)



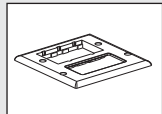
**M** CPG\*\* – Single Gang Rectangular Screw-On Faceplate (page C2.60)



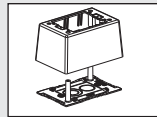
**C** JBP2S\*\* – Power Rated Double Gang Two-Piece Divided Box (page C2.59)



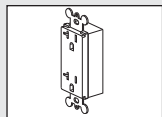
**N** CFX10\*\* – Power Rated Coupler Fitting (page C2.75)



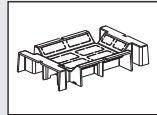
**D** FP2RC\*\* – Double Gang Rectangular Electrical and Two Communication Insert Faceplate (page C2.60)



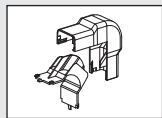
**O** JBP1D\*\* – Single Gang Two-Piece Deep Box (page C2.58)



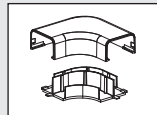
**E** ERU20\*\* – 20 A Rectangular Electrical Outlet (page C2.61)



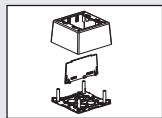
**P** JBD1 – Single Gang Pass Through Divider for LD2P10 Raceway (page C2.59)



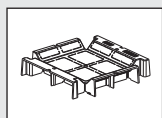
**F** OCFX10\*\* – 1 Inch Bend Radius Outside Corner Fitting (page C2.75)



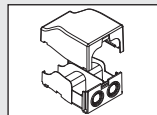
**Q** RAFX10\*\* – Power Rated Right Angle Fitting (page C2.75)



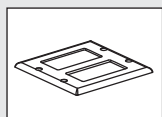
**G** JBP2D\*\* – Power Rated Double Gang Two-Piece Deep Box (page C2.58)



**H** JBD2 – Double Gang Pass Through and Divider for LD2P10 Raceway (page C2.59)



**R** EEFX\*\* – Power Rated/1 Inch Bend Radius Entrance End Fitting (page C2.75)



**J** CPG\*\*-2G – Double Gang Rectangular Screw-On Faceplate (page C2.60)

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

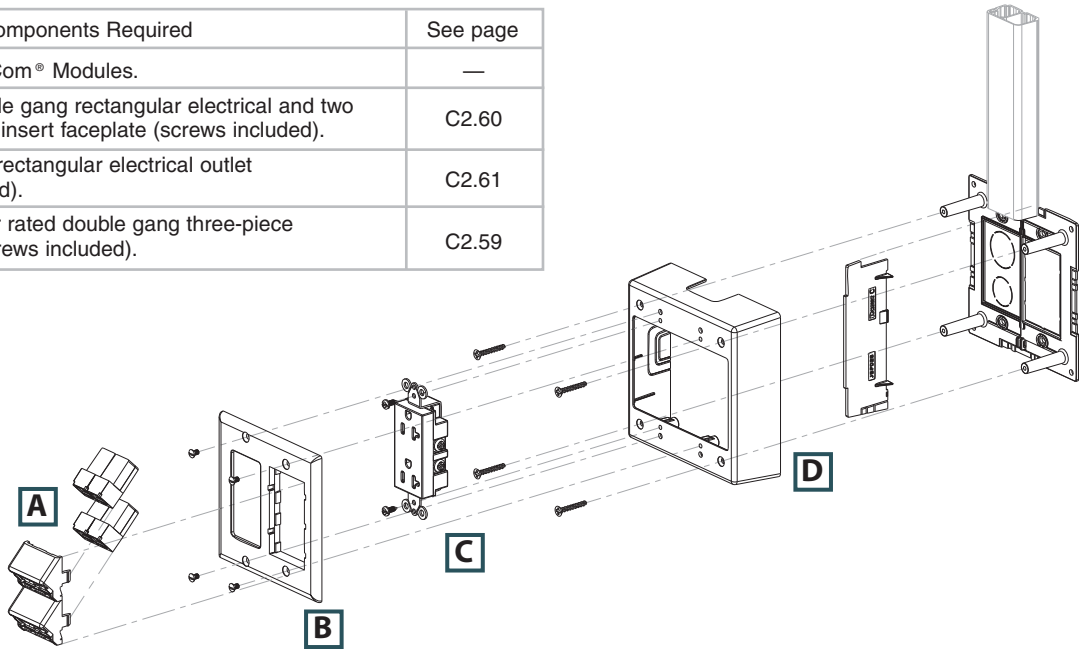
A.  
System  
Overview

## LD2P10 Configurations

B1.  
Cable Ties

### Exploded View 1

	Components Required	See page
A.	Panduit® Mini-Com® Modules.	—
B.	FP2RC = Double gang rectangular electrical and two communication insert faceplate (screws included).	C2.60
C.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.61
D.	JBP2S = Power rated double gang three-piece divided box (screws included).	C2.59



C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

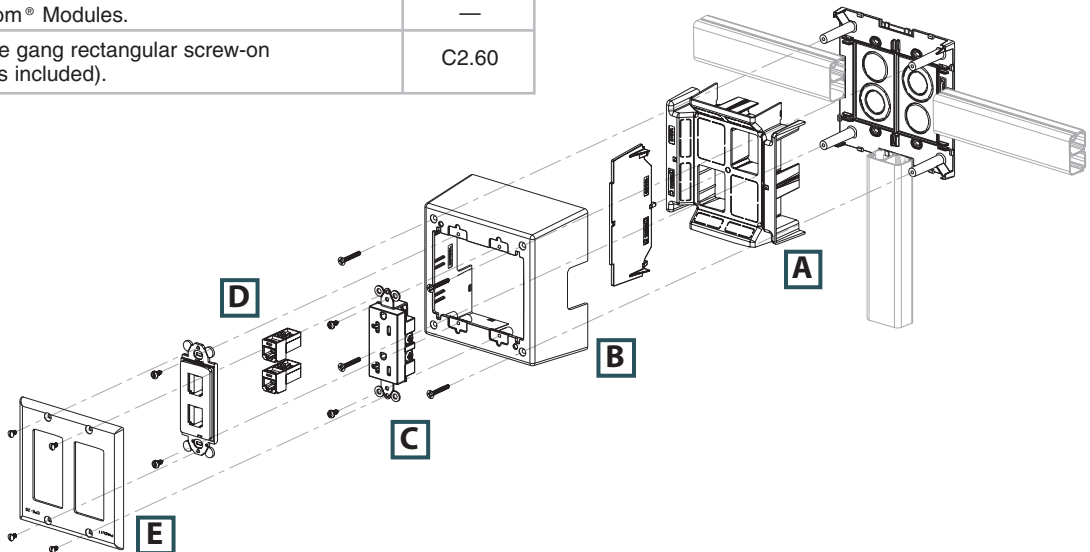
C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

### Exploded View 2

	Components Required	See page
A.	JBD2 = Double gang pass-through divider for LD2P10 raceway.	C2.59
B.	JBP2D = Power rated double gang two-piece deep box.	C2.58
C.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.61
D.	Panduit® Mini-Com® Modules.	—
E.	CPG2G = Double gang rectangular screw-on faceplate (screws included).	C2.60



E2.  
Labels

E3.  
Pre-Printed  
& Write-On  
Markers

E4.  
Permanent  
Identification

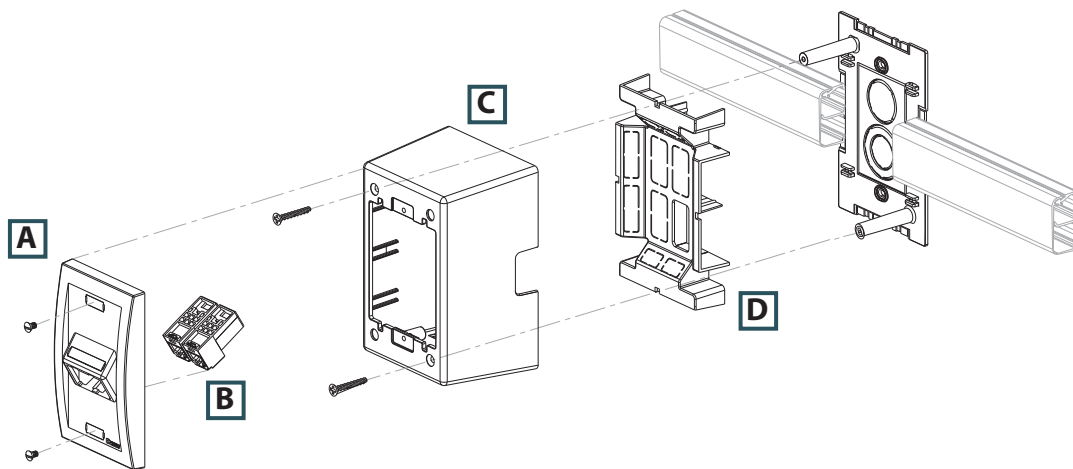
E5.  
Lockout/  
Tagout  
& Safety  
Solutions

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## LD2P10 Configurations (continued)

### Exploded View 3

	Components Required	See page
A.	UICFPSE2 = Ultimate ID® Two-Position Executive Sloped Faceplate.	—
B.	Mini-Com® Modules.	—
C.	JBP1D = Power rated single gang two-piece deep box (screws included).	C2.58
D.	JBD1 = Single gang pass-through divider for LD2P10 raceway.	C2.59



A.  
System  
Overview

B1.  
Cable Ties

B2.  
Cable  
Accessories

B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

E2.  
Labels

E3.  
Pre-Printed  
& Write-On  
Markers

E4.  
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A.  
System  
Overview

## LD Profile Raceway Roadmap

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B2.  
Cable  
Accessories

B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

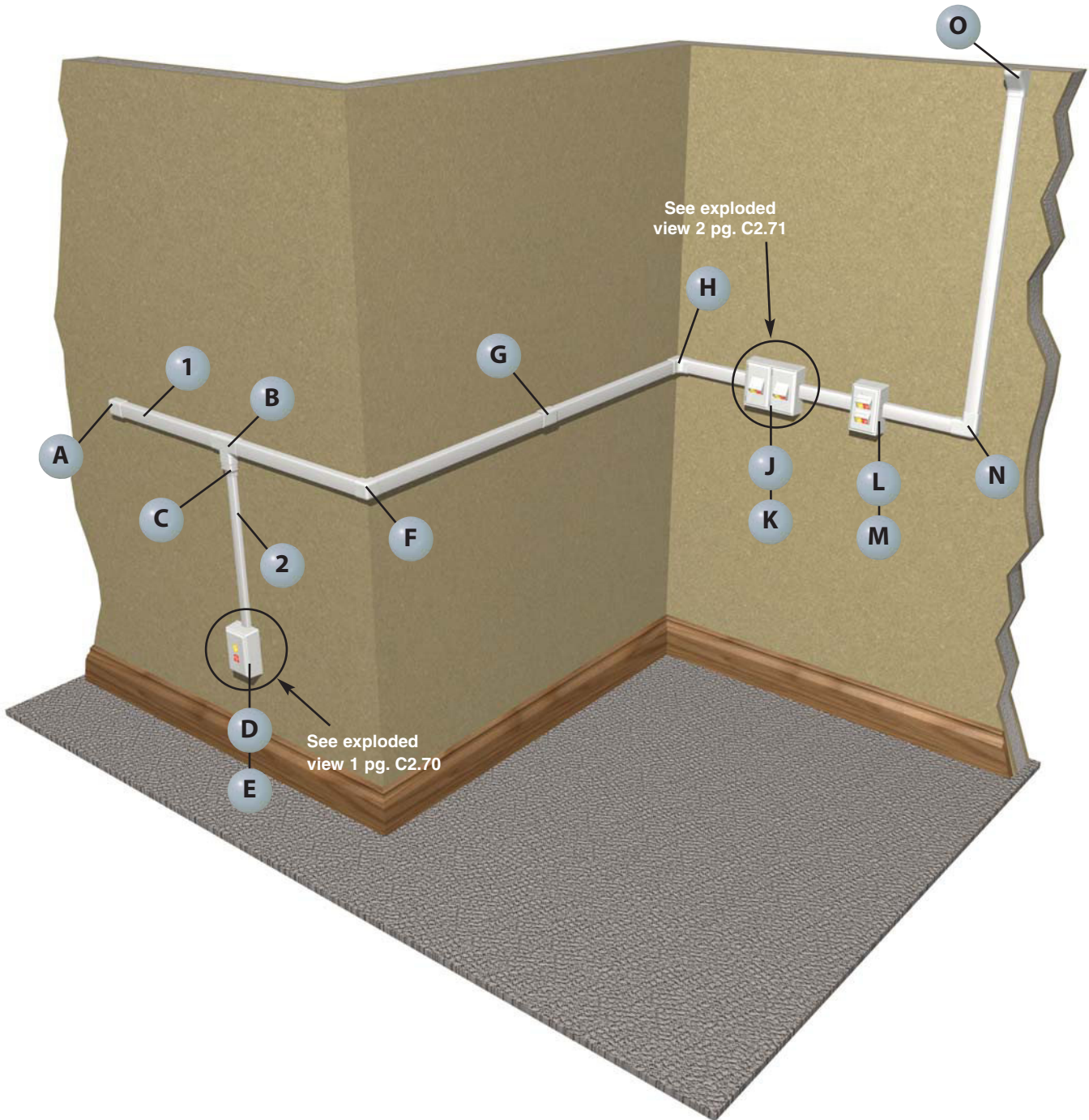
E2.  
Labels

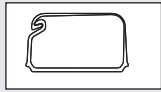
E3.  
Pre-Printed  
& Write-On  
Markers

E4.  
Permanent  
Identification

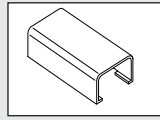
E5.  
Lockout/  
Tagout  
& Safety  
Solutions

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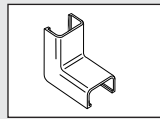
**1** LD10\*\* – Raceway (page C2.76)



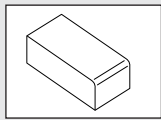
**G** CF10\*\* – Coupler Fitting (page C2.79)



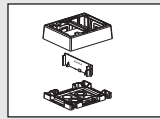
**2** LD5\*\* – Raceway (page C2.76)



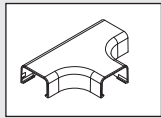
**H** ICF10\*\* – Inside Corner Fitting (page C2.79)



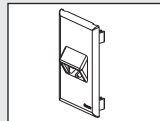
**A** ECF10\*\* – End Cap Fitting (page C2.79)



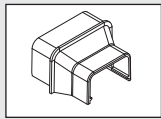
**J** JBP2FS\*\* – Fast-Snap™ Double Gang Power Rated Surface Mount Outlet Box (page C2.52)



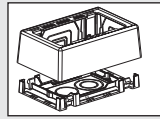
**B** TF10\*\* – Tee Fitting (page C2.79)



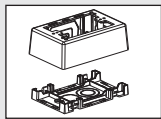
**K** T70FV2\*\* – Snap-On Vertical Sloped Communication Faceplate (page C2.52)



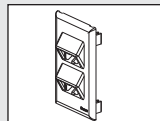
**C** RF10X5\*\* – Reducer Fitting (page C2.79)



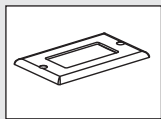
**L** JB1FS\*\* – Fast-Snap™ Single Gang Surface Mount Outlet Box (page C2.52)



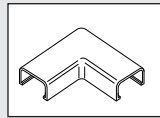
**D** JBX3510\*\* – Single Gang Two-Piece Snap-Together Box (page C2.57)



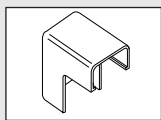
**M** T70FV4\*\* – Snap-On Vertical Sloped Communication Faceplate (page C2.52)



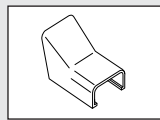
**E** CPG\*\* – Single Gang Rectangular Screw-On Faceplate (page C2.60)



**N** RAF10\*\* – Right Angle Fitting (page C2.79)



**F** OCF10\*\* – Outside Corner Fitting (page C2.79)



**O** DCF10\*\* – Drop Ceiling/Entrance End Fitting (page C2.79)

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B2. Cable Accessories

B3. Stainless Steel Ties

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### Exploded View 1

B2.  
Cable  
Accessories

	Components Required	See page
A.	CPG = Single gang rectangular screw-on faceplate (screws included).	C2.60
B.	CFG2 = Mini-Com® Module Frame – 2-port.	—
C.	Mini-Com® Modules.	—
D.	JBX3510 = Single gang two-piece snap together box.	C2.57

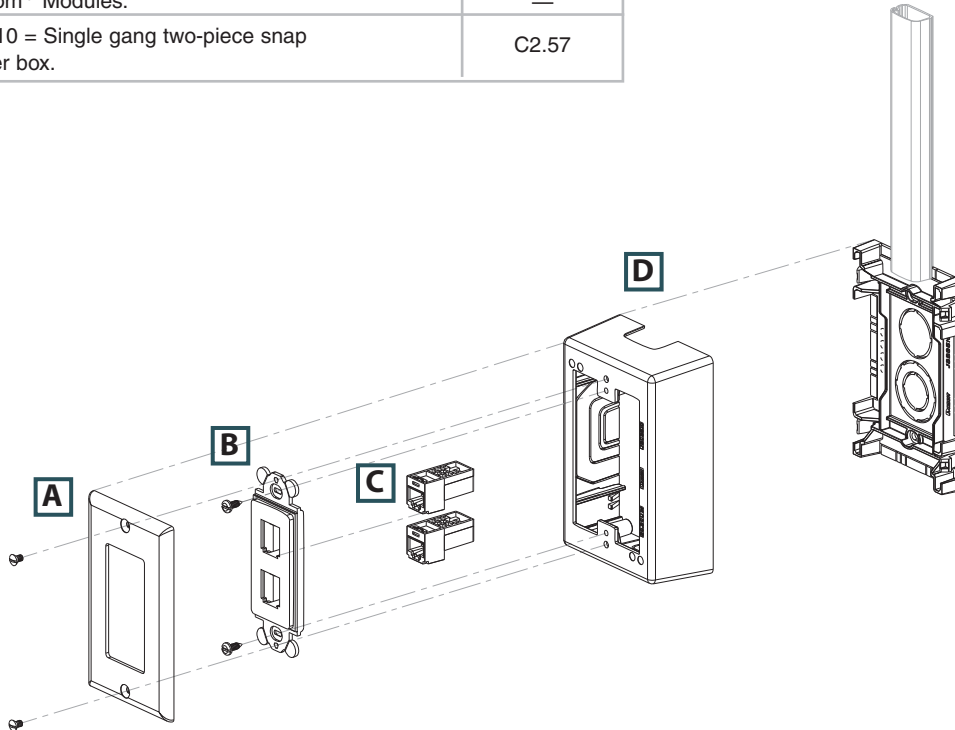
B3.  
Stainless  
Steel Ties

C1.  
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C2.  
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C3.  
Abrasion  
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E3.  
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E4.  
Permanent  
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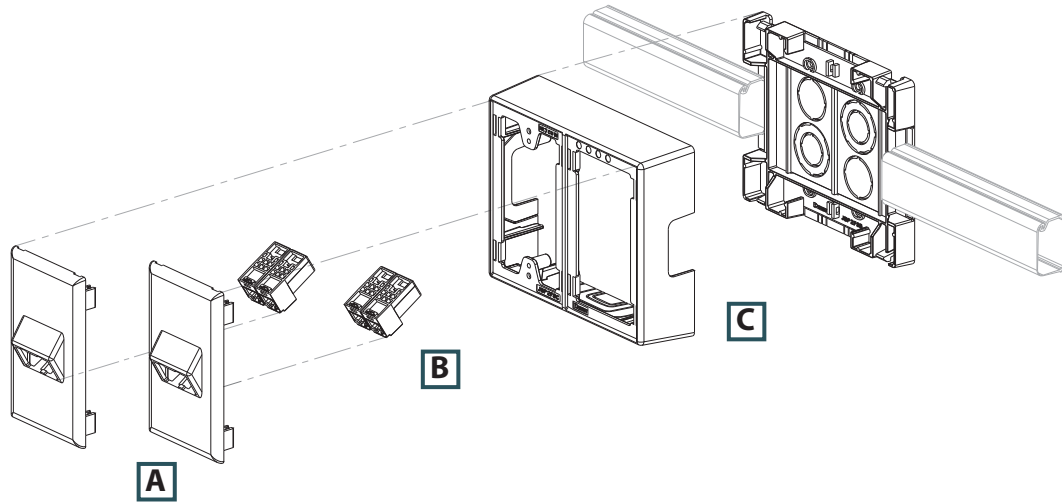
E5.  
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## LD Configurations (continued)

### Exploded View 2

	Components Required	See page
A.	T70FV2 = Snap-on vertical sloped communication faceplate – 2-port.	C2.52
B.	Panduit® Mini-Com® Modules.	—
C.	JBP2FS = Fast-Snap™ double gang power rated surface mount outlet box.	C2.52



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E1.  
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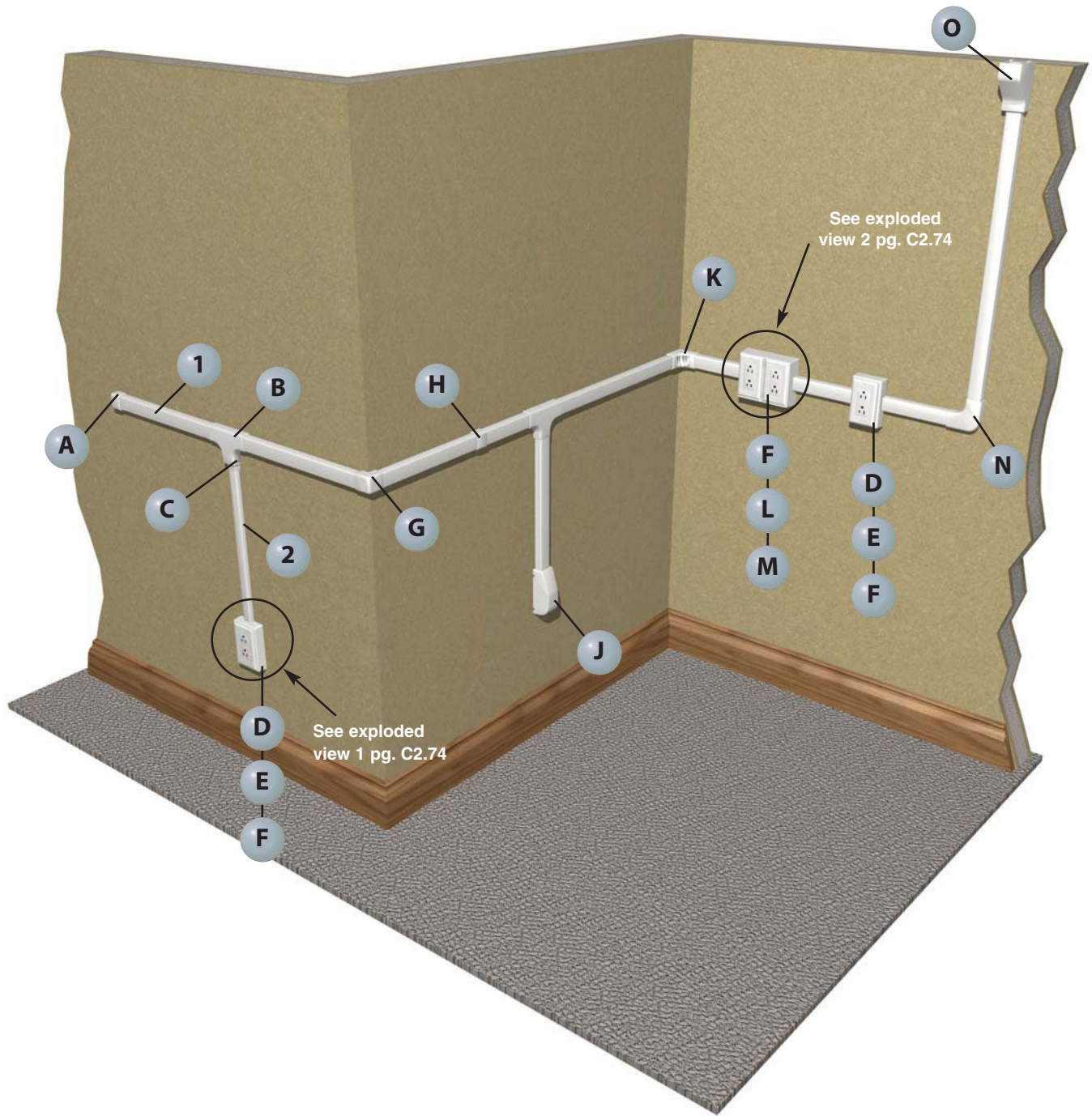
E2.  
Labels

E3.  
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& Write-On  
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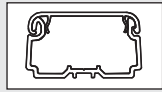
E4.  
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E5.  
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& Safety  
Solutions

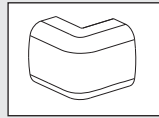
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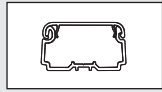




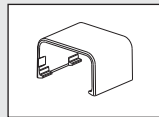
**1** LDPH10\*\* – Raceway  
(page C2.77)



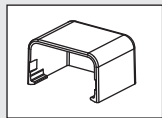
**G** OCFC10\*\* – Power Rated Outside  
Corner Fitting  
(page C2.81)



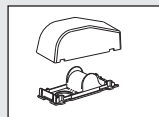
**2** LDPH5\*\* – Raceway (page C2.77)



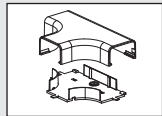
**H** CFX10\*\* – Power Rated/1 Inch  
Bend Radius Coupler Fitting  
(page C2.80)



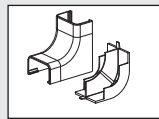
**A** ECFX10\*\* – Power Rated/1 Inch  
Bend Radius End Cap Fitting  
(page C2.80)



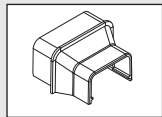
**J** RAEFX\*\* – Power Rated/1 Inch  
Bend Radius Right Angle  
Entrance End Fitting  
(page C2.81)



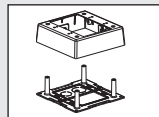
**B** TFX10\*\* – Power Rated  
Tee Fitting (page C2.81)



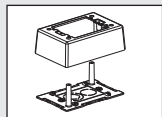
**K** ICFX10\*\* – Power Rated Inside  
Corner Fitting  
(page C2.81)



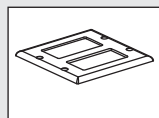
**C** RFX105\*\* – Power Rated/1 Inch  
Bend Radius Reducer Fitting  
(page C2.80, C2.81)



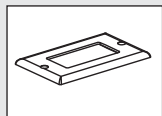
**L** JBP2\*\* – Power Rated Double  
Gang Two-Piece Box  
(page C2.58)



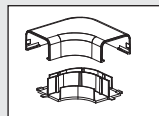
**D** JBP1\*\* – Power Rated Single  
Gang Two-Piece Box  
(page C2.58)



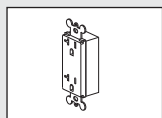
**M** CPG\*\*-2G – Double Gang  
Rectangular Screw-On Faceplates  
(page C2.60)



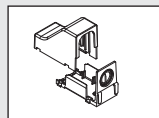
**E** CPG\*\* – Single Gang Rectangular  
Screw-On Faceplate  
(page C2.60)



**N** RAFX10\*\* – Power Rated Right  
Angle Fitting  
(page C2.81)



**F** ERU20\*\* – 20 A Rectangular  
Electrical Outlet  
(page C2.61)



**O** DCEFX\*\* – Power Rated/1 Inch  
Bend Radius Drop Ceiling  
Entrance End Fitting  
(page C2.80)

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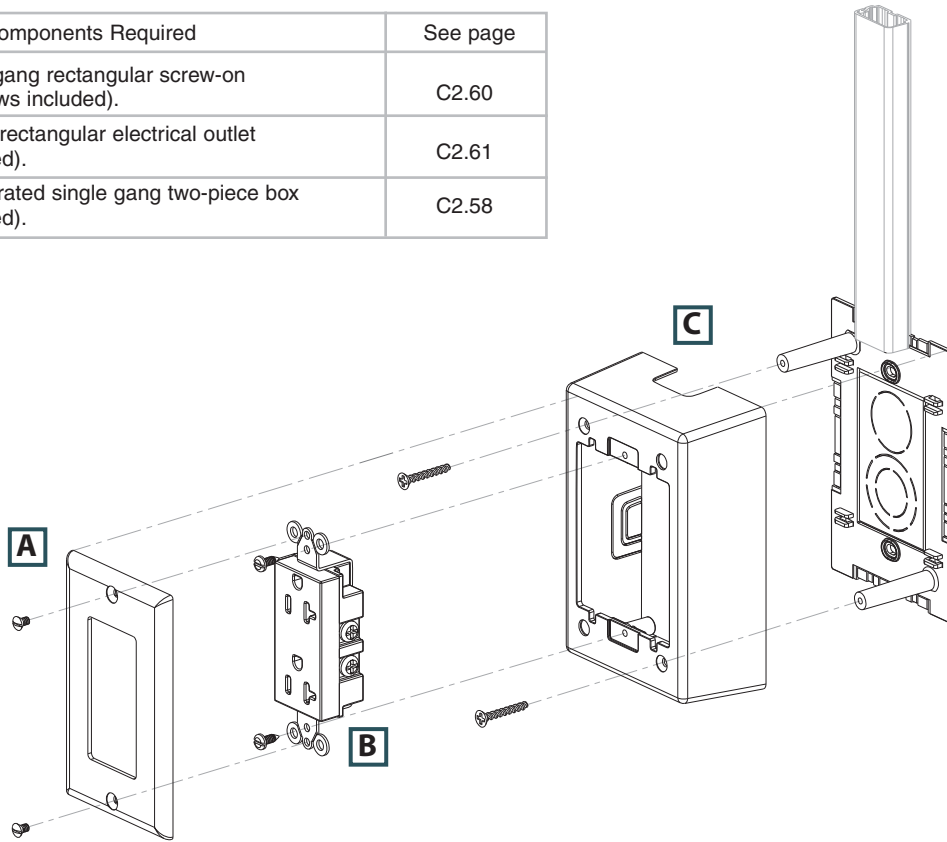
A.  
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## LDPH Configurations

B1.  
Cable Ties

### Exploded View 1

	Components Required	See page
A.	CPG = Single gang rectangular screw-on faceplate (screws included).	C2.60
B.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.61
C.	JBP1 = Power rated single gang two-piece box (screws included).	C2.58



C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

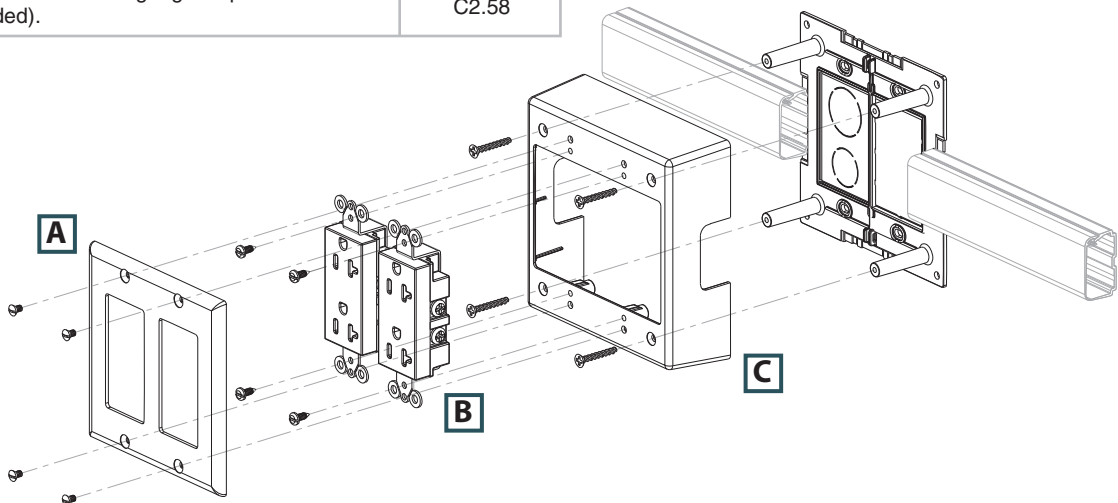
C4.  
Cable  
Management

D1.  
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D2.  
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### Exploded View 2

	Components Required	See page
A.	CPG**2G = Double gang rectangular screw-on faceplate (screws included).	C2.60
B.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.61
C.	JBP2 = Power rated double gang two-piece box (screws included).	C2.58



E2.  
Labels

E3.  
Pre-Printed  
& Write-On  
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E4.  
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& Safety  
Solutions

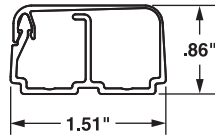
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## Pan-Way® Type LD2P10 Multi-Channel Surface Raceway System

- UL and CSA rated 600 V; meets UL 5A and CSA C22.2 No. 62.1-03 standards; FT4 rated
- Routes power and data together
- One-piece hinged design allows cables to be laid in
- Tamper resistant

- Factory applied adhesive backing speeds installation
- Terminates using JBP1D, JBP2D, JBP2FS or JBP2S surface mount outlet box solutions



Left Internal Area = .43 Sq. In.  
Right Internal Area = .50 Sq. In.



Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
<b>LD2P10IW8-A</b>	Two channel tamper resistant one-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 8' and 10' lengths.	1.52" x .86" (39.0mm x 22.0mm)	Off White	8	160
<b>LD2P10IW10-A</b>				10	200

LD2P raceway requires screw mounting if it is being used for power cabling applications. Order number of feet required in multiples of standard length increments.

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).



## Multi-Channel Fittings for LD2P10

- Multi-channel fittings for LD2P10 are designed to maintain the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems



Part Number	Part Description	Color‡	Std. Pkg. Qty.
<b>CFX10IW-X</b>	Coupler fitting for use with LD10, LDPH10, and LD2P10 raceway.	Off White	10
<b>RAFX10IW-X</b>	Right angle fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
<b>ICFX10IW-X</b>	Inside corner fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
<b>OCFX10IW-X</b>	Outside corner fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
<b>TFXD10IW-X</b>	Tee fitting with divided insert to maintain separation of power and data cabling. For use with LD2P10 raceway.	Off White	10
<b>ECFX10IW-X</b>	End cap fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
<b>EEFXIW</b>	Entrance end fitting for LD2P10 raceway. Breakouts for 1/2" and 3/4" diameter conduit.	Off White	1

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

A. System Overview

## Pan-Way® LD Surface Raceway System

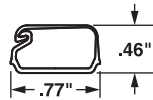
B1. Cable Ties

- For routing data and low voltage cabling
- One-piece hinged design allows cables to be laid in
- Factory applied adhesive backing speeds installation

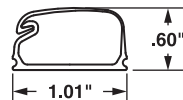
- FT4 rated
- Terminates using surface mount outlet box solutions or Panduit® Mini-Com® Surface Mount Boxes

B2. Cable Accessories

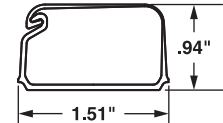
B3. Stainless Steel Ties



**LD3**  
Internal Area = .21 Sq. In.



**LD5**  
Internal Area = .38 Sq. In.



**LD10**  
Internal Area = 1.00 Sq. In.



**LD3**



**LD5**



**LD10**

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
<b>LD3 – Surface Raceway</b>					
<b>LD3IW6-A</b>	One-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 6', 8', and 10' lengths.	.77" x .46" (20.0mm x 12.0mm)	Off White	6	120
<b>LD3IW8-A</b>				8	160
<b>LD3IW10-A</b>				10	200
<b>LD5 – Surface Raceway</b>					
<b>LD5IW6-A</b>	One-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 6', 8', and 10' lengths.	1.01" x .58" (26.0mm x 15.0mm)	Off White	6	120
<b>LD5IW8-A</b>				8	160
<b>LD5IW10-A</b>				10	200
<b>LD10 – Surface Raceway</b>					
<b>LD10IW6-A</b>	One-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 6', 8', and 10' lengths.	1.51" x .94" (38.4mm x 24.0mm)	Off White	6	120
<b>LD10IW8-A</b>				8	160
<b>LD10IW10-A</b>				10	200

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).  
Order number of feet required in multiples of standard length increments.

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

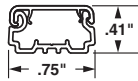
E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

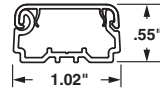
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## Pan-Way® LDPH Surface Raceway System

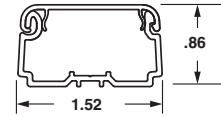
- UL and CSA rated 600 V; meets UL 5A and CSA C22.2 No. 62.1-03 standards; FT4 rated
- Two-piece hinged design allows cables to be laid in
- Tamper resistant
- Factory applied adhesive backing speeds installation
- Terminates using surface mount outlet box solutions or Panduit® Mini-Com® Surface Mount Boxes



**LDPH3**  
Internal Area = .17 Sq. In.



**LDPH5**  
Internal Area = .33 Sq. In.



**LDPH10**  
Internal Area = .89 Sq. In.



**LDPH3**



**LDPH5**



**LDPH10**

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
<b>LDPH3 – Surface Raceway</b>					
<b>LDPH3IW8-A</b>	Tamper resistant one-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 8' and 10' lengths.	.75" x .41" (20.0mm x 10.4mm)	Off White	8	160
<b>LDPH3IW10-A</b>				10	200
<b>LDPH5 – Surface Raceway</b>					
<b>LDPH5IW8-A</b>	Tamper resistant one-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 8' and 10' lengths.	1.02" x .55" (26.0mm x 14.0mm)	Off White	8	160
<b>LDPH5IW10-A</b>				10	200
<b>LDPH10 – Surface Raceway</b>					
<b>LDPH10IW8-A</b>	Tamper resistant two-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 8' and 10' lengths.	1.52" x .86" (39.0mm x 22.0mm)	Off White	8	160
<b>LDPH10IW10-A</b>				10	200

LDPH raceway requires screw mounting for power cabling applications. Order number of feet required in multiples of standard length increments.

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

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A. System Overview



## Pan-Way® LDS Surface Raceway System

B1. Cable Ties

• UL and CSA rated 600 V; meets UL 5A and CSA C22.2 No. 62.1-03 standards; FT4 rated

• Tamper resistant non-hinged design

• Factory applied adhesive backing speeds installation

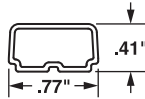
• Type LDS is the **only non-metallic raceway that is bendable** in low voltage applications to route around and over obstructions

• LDS raceway requires screw mounting using the LMD mounting straps for power cabling installations

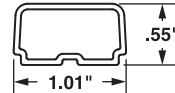
• Terminates using surface mount outlet box solutions or Panduit® Mini-Com® Surface Mount Boxes

B2. Cable Accessories

B3. Stainless Steel Ties



**LDS3**  
Internal Area = .21 Sq. In.



**LDS5**  
Internal Area = .38 Sq. In.

C1. Wiring Duct



**LDS3**

C2. Surface Raceway



**LDS5**

C3. Abrasion Protection

C4. Cable Management



**LMD3**  
**LMD5**

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
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### LDS3 – Surface Raceway

<b>LDS3IW10-A</b>	Tamper resistant one-piece surface raceway. Supplied with pre-applied adhesive backed tape. Available in 10' lengths.	.77" x .41" (20.0mm x 10.4mm)	Off White	10	200
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### LDS5 – Surface Raceway

<b>LDS5IW10-A</b>	Tamper resistant one-piece surface raceway. Supplied with pre-applied adhesive backed tape. Available in 10' lengths.	1.01" x .55" (26.0mm x 14.0mm)	Off White	10	200
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### Mounting Straps

<b>LMD3IW-Q</b>	For use with LDS3 raceway.	Size 3	Off White	—	100
<b>LMD5IW-Q</b>	For use with LDS5 raceway.	Size 5	Off White	—	100

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).  
Order number of feet required in multiples of standard length increments.

## Method for Bending Type LDS Raceway (Low Voltage Applications)



1) Slide 18" to 30" section of LDS Raceway into PVC pipe heating blanket.  
\*(Recommended blanket designed for bending 1/2" to 1 1/2" PVC conduit.)



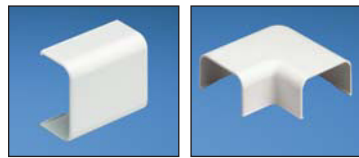
2) Allow section to heat approximately 2 – 3 minutes. Raceway will be soft and pliable, but should not stretch. (Time will vary with blanket temperature and raceway size.)



3) Remove raceway section from blanket and hold in desired position until the raceway cools. Install mounting straps immediately.

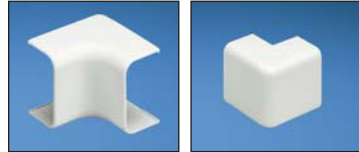
\*Heating blanket not offered by Panduit.

## Standard Fittings for Low Voltage Applications



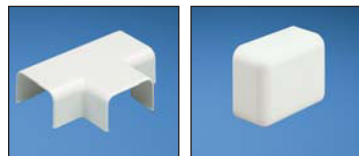
CF

RAF



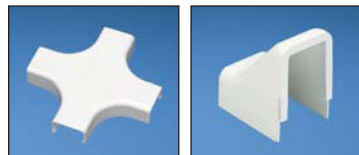
ICF

OCF



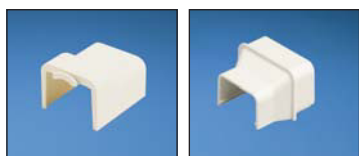
TF

ECF



CRFC

DCF



FBA

RF

Part Number	Part Description	Color‡	Std. Pkg. Qty.
<b>CF3IW-E</b>	Coupler fitting for use with LD3 raceway.	Off White	20
<b>CF5IW-E</b>	Coupler fitting for use with LD5 raceway.	Off White	20
<b>CF10IW-X</b>	Coupler fitting for use with LD10 raceway.	Off White	10
<b>RAF3IW-E</b>	Right angle fitting for use with LD3 raceway.	Off White	20
<b>RAF5IW-E</b>	Right angle fitting for use with LD5 raceway.	Off White	20
<b>RAF10IW-X</b>	Right angle fitting for use with LD10 raceway.	Off White	10
<b>ICF3IW-E</b>	Inside corner fitting for use with LD3 raceway.	Off White	20
<b>ICF5IW-E</b>	Inside corner fitting for use with LD5 raceway.	Off White	20
<b>ICF10IW-X</b>	Inside corner fitting for use with LD10 raceway.	Off White	10
<b>OCF3IW-E</b>	Outside corner fitting for use with LD3 raceway.	Off White	20
<b>OCF5IW-E</b>	Outside corner fitting for use with LD5 raceway.	Off White	20
<b>OCF10IW-X</b>	Outside corner fitting for use with LD10 raceway.	Off White	10
<b>TF3IW-E</b>	Tee fitting for use with LD3 raceway.	Off White	20
<b>TF5IW-E</b>	Tee fitting for use with LD5 raceway.	Off White	20
<b>TF10IW-X</b>	Tee fitting for use with LD10 raceway.	Off White	10
<b>ECF3IW-E</b>	End cap fitting for use with LD3 raceway.	Off White	—
<b>ECF5IW-E</b>	End cap fitting for use with LD5 raceway.	Off White	—
<b>ECF10IW-X</b>	End cap fitting for use with LD10 raceway.	Off White	—
<b>CRFC5IW-X</b>	4-way cross fitting for use with LD5, LDPH5, and LDS5 raceway.	Off White	10
<b>DCF3IW-X</b>	Drop ceiling/entrance end fitting for use with LD3 raceway.	Off White	10
<b>DCF5IW-X</b>	Drop ceiling/entrance end fitting for use with LD5 raceway.	Off White	10
<b>DCF10IW-X</b>	Drop ceiling/entrance end fitting for use with LD10 raceway.	Off White	10
<b>FBA5IW-X</b>	Fire box adapter for use with LD5/LDPH5 profile raceway. Note: For low voltage applications only.	Off White	10
<b>FBA10IW-X</b>	Fire box adapter for use with LD10/LDPH10 profile raceway. Note: For low voltage applications only.	Off White	10
<b>RF5X3IW-E</b>	Reducer fitting for LD raceway from size 5 to size 3. For use with LD5 and LD3 raceway. For in-line terminations, use with CF5**.	Off White	20
<b>RF10X3IW-X</b>	Reducer fitting for LD raceway from size 10 to size 3. For use with LD3 and LD10 raceway. For in-line terminations, use with CF10**.	Off White	10
<b>RF10X5IW-X</b>	Reducer fitting for LD raceway from size 10 to size 5. For use with LD5 and LD10 raceway. For in-line terminations, use with CF10**.	Off White	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

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B2. Cable Accessories

B3. Stainless Steel Ties

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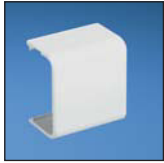


## One Inch Bend Radius Fittings for TIA/EIA Compliance

B1. Cable Ties

- 1 inch bend radius fittings are designed to maintain the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems

B2. Cable Accessories

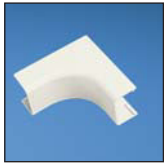


**CFX**



**RAFC**

B3. Stainless Steel Ties



**ICFC**



**OCFX**

C1. Wiring Duct

C2. Surface Raceway



**TFC**



**CRFC5**

C3. Abrasion Protection

C4. Cable Management

D1. Terminals



**ECFX**



**DCEFX**

D2. Power Connectors

D3. Grounding Connectors



**RAEFX**



**RFX**

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Part Number	Part Description	Color‡	Std. Pkg. Qty.
<b>CFX3IW-X</b>	Coupler fitting for use with LD3, LDPH3, and LDS3 raceway.	Off White	10
<b>CFX5IW-X</b>	Coupler fitting for use with LD5, LDPH5, and LDS5 raceway.	Off White	10
<b>CFX10IW-X</b>	Coupler fitting for use with LD10, LDPH10, and LD2P10 raceway.	Off White	10
<b>RAFC3IW-X</b>	Right angle fitting for use with LD3, LDPH3, and LDS3 raceway.	Off White	10
<b>RAFC5IW-X</b>	Right angle fitting for use with LD5, LDPH5, and LDS5 raceway.	Off White	10
<b>RAFC10IW-X</b>	Right angle fitting for use with LD10 and LDPH10 raceway.	Off White	10
<b>ICFC3IW-X</b>	Inside corner fitting for use with LD3, LDPH3, and LDS3 raceway.	Off White	10
<b>ICFC5IW-X</b>	Inside corner fitting for use with LD5, LDPH5, and LDS5 raceway.	Off White	10
<b>ICFC10IW-X</b>	Inside corner fitting for use with LD10 and LDPH10 raceway.	Off White	10
<b>OCFX3IW-X</b>	Outside corner fitting for use with LDPH3 and LDS3 raceway.	Off White	10
<b>OCFX5IW-X</b>	Outside corner fitting for use with LDPH5 and LDS5 raceway.	Off White	10
<b>OCFX10IW-X</b>	Outside corner fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
<b>TFC3IW-X</b>	Tee fitting for use with LD3, LDPH3, and LDS3 raceway.	Off White	10
<b>TFC5IW-X</b>	Tee fitting for use with LD5, LDPH5, and LDS5 raceway.	Off White	10
<b>TFC10IW-X</b>	Tee fitting for use with LD10 and LDPH10 raceway.	Off White	10
<b>CRFC5IW-X</b>	4-way cross fitting for use with LD5, LDPH5, and LDS5 raceway.	Off White	10
<b>ECFX3IW-X</b>	End cap fitting for use with LDPH3 and LDS3 raceway.	Off White	10
<b>ECFX5IW-X</b>	End cap fitting for use with LDPH5 and LDS5 raceway.	Off White	10
<b>ECFX10IW-X</b>	End cap fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
<b>DCEFXIW-X</b>	Drop ceiling/entrance end fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, LDS5, LD10 and LDPH10 raceway. Use CA3 or CA5 adapters for LD3 or LD5 profile raceway.	Off White	10
<b>RAEFXIW-X</b>	Right angle/entrance end fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, LDS5, LD10 and LDPH10 raceway. CA3 or CA5 adapters for LD3 or LD5 profile raceway.	Off White	10
<b>RFX53IW-X</b>	Reducer fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5 and LDS5 raceway. For in-line terminations, use with CFX5**.	Off White	10
<b>RFX103IW-X</b>	Reducer fitting for use with LD3, LDPH3, LD10 and LDPH10 raceway. For in-line terminations, use with CFX10**.	Off White	10
<b>RFX105IW-X</b>	Reducer fitting for use with LD5, LDPH5, LDS5, LD10 and LDPH10 raceway. For in-line terminations, use with CFX10**.	Off White	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).





## Power Rated Fittings for Power to 600 V – LDPH/LDS/LD2P Raceway Only



CFX



RAFX



ICFX



OCFC



TFX



CRFX



CEFX



ECFX



DCEFX



RAEFX



RFX

Part Number	Part Description	Color‡	Std. Pkg. Qty.
<b>CFX3IW-X</b>	Coupler fitting for use with LD3, LDPH3, and LDS3 raceway.	Off White	10
<b>CFX5IW-X</b>	Coupler fitting for use with LD5, LDPH5, and LDS5 raceway.	Off White	10
<b>CFX10IW-X</b>	Coupler fitting for use with LD10, LDPH10, and LD2P10 raceway.	Off White	10
<b>RAFX3IW-X</b>	Right angle fitting for use with LDPH3 and LDS3 raceway.	Off White	10
<b>RAFX5IW-X</b>	Right angle fitting for use with LDPH5 and LDS5 raceway.	Off White	10
<b>RAFX10IW-X</b>	Right angle fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
<b>ICFX3IW-X</b>	Inside corner fitting for use with LDPH3 and LDS3 raceway.	Off White	10
<b>ICFX5IW-X</b>	Inside corner fitting for use with LDPH5 and LDS5 raceway.	Off White	10
<b>ICFX10IW-X</b>	Inside corner fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
<b>OCFC3IW-X</b>	Outside corner fitting for use with LDPH3 and LDS3 raceway.	Off White	10
<b>OCFC5IW-X</b>	Outside corner fitting for use with LDPH5 and LDS5 raceway.	Off White	10
<b>OCFC10IW-X</b>	Outside corner fitting for use with LDPH10 raceway only.	Off White	10
<b>TFX3IW-X</b>	Tee fitting for use with LDPH3 and LDS3 raceway.	Off White	10
<b>TFX5IW-X</b>	Tee fitting for use with LDPH5 and LDS5 raceway.	Off White	10
<b>TFX10IW-X</b>	Tee fitting for use with LDPH10 raceway only.	Off White	10
<b>CRFX5IW-X</b>	4-way cross fitting for use with LD5, LDPH5, and LDS5 raceway.	Off White	10
<b>CEFXIW-X</b>	Conduit entrance end fitting. This power rated two-piece fitting is designed to accommodate the entrance of 1/2" conduit or align with knockouts on surface mount electrical boxes. For use with LD3/LDPH3 and has breakouts available to work with LD5/LDPH5 and LD10/LDPH10. Cover and base snap together – no hardware is required.	Off White	10
<b>ECFX3IW-X</b>	End cap fitting for use with LDPH3 and LDS3 raceway.	Off White	10
<b>ECFX5IW-X</b>	End cap fitting for use with LDPH5 and LDS5 raceway.	Off White	10
<b>ECFX10IW-X</b>	End cap fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
<b>DCEFXIW-X</b>	Drop ceiling/entrance end fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, LDS5, LD10 and LDPH10 raceway. Use CA3 or CA5 adapters for LD3 or LD5 profile raceway.	Off White	10
<b>RAEFXIW-X</b>	Right angle/entrance end fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, LDS5, LD10 and LDPH10 raceway. CA3 or CA5 adapters for LD3 or LD5 profile raceway.	Off White	10
<b>RFX53IW-X</b>	Reducer fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5 and LDS5 raceway. For in-line terminations, use with CFX5**.	Off White	10
<b>RFX103IW-X</b>	Reducer fitting for use with LD3, LDPH3, LD10 and LDPH10 raceway. For in-line terminations, use with CFX10**.	Off White	10
<b>RFX105IW-X</b>	Reducer fitting for use with LD5, LDPH5, LDS5, LD10 and LDPH10 raceway. For in-line terminations, use with CFX10**.	Off White	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

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E5. Lockout/Tagout & Safety Solutions

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A. System Overview

## Raceway Adapters for LD Raceway

B1. Cable Ties

- Fit into universal breakout of DCEFX or RAEFX fittings
- For use with types LD3, LDPH3, LDS3, LD5, LDPH5 and LDS5 raceway

B2. Cable Accessories



CA3  
CA5

B3. Stainless Steel Ties

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>CA3IW-X</b>	Adapter fits into universal breakout of DCEFX or RAEFX fittings. For use LD3, LDPH3, and LDS3 raceway.	Off White	10	50
<b>CA5IW-X</b>	Adapter fits into universal breakout of DCEFX or RAEFX fittings. For use LD5, LDPH5, and LDS5 raceway.	Off White	10	50

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

C1. Wiring Duct

C2. Surface Raceway

## Cable Fill Capacities for LD Profile Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.

C3. Abrasion Protection

C4. Cable Management



LD3	LD5	LD10
.21 in. <sup>2</sup>	.38 in. <sup>2</sup>	1.00 in. <sup>2</sup>



LDPH3	LDPH5	LDPH10
.17 in. <sup>2</sup>	.33 in. <sup>2</sup>	.98 in. <sup>2</sup>



LD2P10 – Left	LD2P10 – Right
.43 in. <sup>2</sup>	.50 in. <sup>2</sup>



LDS3	LDS5
.21 in. <sup>2</sup>	.38 in. <sup>2</sup>

D1. Terminals

D2. Power Connectors

**SPEC = 40% cable fill** – The recommended design in cable capacity, leaves room for future moves, adds, and changes.

**MAX for Data = 60% cable fill** – The maximum cable quantity based on cable interweaving and packing factors.

**MAX for Power cable fill** – The maximum of electrical cables based on UL temperature rise test.

D3. Grounding Connectors

E1. Labeling Systems

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Raceway Type and Configuration	Fill Area (In. <sup>2</sup> )	Electrical Cables			Data Grade Cables		Data Grade Cables		Audio/Video		Fiber Optic Cable	
		14 AWG	12 AWG	10 AWG	23/24 AWG/UTP		23 AWG/UTP CM		RG6		2 Strand	
		THHN/T90			Category 6 (4-pr.)		Augmented Category 6					
		0.111	0.130	0.164	Dia. = 0.250		Dia. = 0.354		Dia. = 0.275		Dia. = 0.175	
		FILL			FILL		FILL		FILL		FILL	
MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	MAX	
(UL Temp Rise Test)			(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)
<b>LD3</b>	0.21	—	—	—	1	2	0	1	1	2	3	5
<b>LD5</b>	0.38	—	—	—	3	4	1	2	2	3	6	9
<b>LD10</b>	1.00	—	—	—	8	12	4	7	6	10	16	24
<b>LDPH3</b>	0.17	9	7	4	1	2	0	1	1	1	2	4
<b>LDPH5</b>	0.33	14	12	8	2	4	1	2	2	3	5	8
<b>LDPH10</b>	0.89	18	18	16	7	10	4	6	5	8	14	22
<b>LD2P10 – Left channel</b>	0.43	14	11	8	—	—	—	—	—	—	—	—
<b>LD2P10 – Right channel</b>	0.50	—	—	—	4	6	2	3	3	5	8	12
<b>LDS3</b>	0.21	9	6	4	1	2	0	1	1	2	3	5
<b>LDS5</b>	0.38	10	8	5	3	4	1	2	2	3	6	9

AWG dimensions represent typical outer cable diameter in inches.



## Floor Guard

- Accessory to route cables over carpet, concrete, or tile to prevent tripping
- Flexible vinyl material can be easily cut to specific lengths
- Cables route through underside of product



FG1  
FG3  
FG5

Part Number	Part Description	Color‡	Std. Pkg. Qty.
FG1EI5.0-A	Flexible vinyl material used to route cabling over carpet, tile, and concrete. Product available in 5' strips.	Electric Ivory	5
FG1EI50.0-A	Flexible vinyl material used to route cabling over carpet, tile, and concrete. Product available in 50' rolls.	Electric Ivory	50
FG3EI5.0-A	Flexible vinyl material used to route cabling over carpet, tile, and concrete. Product available in 5' strips.	Electric Ivory	5
FG3EI50.0-A	Flexible vinyl material used to route cabling over carpet, tile, and concrete. Product available in 50' rolls.	Electric Ivory	50
FG5EI5.0-A	Flexible vinyl material used to route cabling over carpet, tile, and concrete. Product available in 5' strips.	Electric Ivory	5
FG5EI25.0-A	Flexible vinyl material used to route cabling over carpet, tile, and concrete. Product available in 25' rolls.	Electric Ivory	25

Standard Package Quantity listed is in Feet.

‡For other colors replace EI (Electric Ivory) with BR (Brown), YL (Safety Yellow), or BL (Black).

## Pan-Way® Surface Raceway Cutting Tool



Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
SRT	Used to cut all LD profile raceway. Leaves a clean burr-free finish on raceway. Can also be used to cut plastic conduit.	1	10

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## Foam Tape

B1.  
Cable Ties

• Acrylic foam tape – Recommended for high temperature and outdoor applications (180°F) and exposure to UV light

• Rubber foam tape – Excellent quick tack designed for long term shear loads in indoor applications up to 120°F

B2.  
Cable  
Accessories



**P32W2A2**  
**P32W2R1**

B3.  
Stainless  
Steel Ties

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Wiring  
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C2.  
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Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>1/32" Thick White Acrylic Adhesive</b>				
<b>P32W2A2-50-7</b>	Foam tape, 1/32" (thick) x .50" (wide) x 7 yards, acrylic adhesive.	White	1	100
<b>P32W2A2-75-7</b>	Foam tape, 1/32" (thick) x .75" (wide) x 7 yards, acrylic adhesive.	White	1	60
<b>P32W2A2-100-7</b>	Foam tape, 1/32" (thick) x 1" (wide) x 7 yards, acrylic adhesive.	White	1	50
<b>P32W2A2-50-72</b>	Foam tape, 1/32" (thick) x .50" (wide) x 72 yards, acrylic adhesive.	White	1	9
<b>P32W2A2-75-72</b>	Foam tape, 1/32" (thick) x .75" (wide) x 72 yards, acrylic adhesive.	White	1	7
<b>P32W2A2-100-72</b>	Foam tape, 1/32" (thick) x 1" (wide) x 72 yards, acrylic adhesive.	White	1	5
<b>1/32" Thick White Rubber Adhesive</b>				
<b>P32W2R1-50-7</b>	Foam tape, 1/32" (thick) x .50" (wide) x 7 yards, rubber adhesive.	White	1	100
<b>P32W2R1-75-7</b>	Foam tape, 1/32" (thick) x .75" (wide) x 7 yards, rubber adhesive.	White	1	60
<b>P32W2R1-100-7</b>	Foam tape, 1/32" (thick) x 1" (wide) x 7 yards, rubber adhesive.	White	1	50
<b>P32W2R1-50-72</b>	Foam tape, 1/32" (thick) x .50" (wide) x 72 yards, rubber adhesive.	White	1	9
<b>P32W2R1-75-72</b>	Foam tape, 1/32" (thick) x .75" (wide) x 72 yards, rubber adhesive.	White	1	7
<b>P32W2R1-100-72</b>	Foam tape, 1/32" (thick) x 1" (wide) x 72 yards, rubber adhesive.	White	1	5
<b>P32W2R1-150-72</b>	Foam tape, 1/32" (thick) x 1.5" (wide) x 72 yards, rubber adhesive.	White	1	4

## PAN-WAY® COVE RACEWAY

Pan-Way® Cove Raceway is a full line of NEC and TIA/EIA compliant raceway, which has the appearance of architectural molding; that allows you to route, conceal, protect and terminate copper, voice, video, fiber optic or power cabling. This offering adds elegance to any room or work area by softening the horizontal angles between the wall and ceiling or the vertical angles between two walls.



- **UL and CSA rated 600 V**
- **Bend radius control is maintained throughout the entire system as required by TIA/EIA-568-B and 569-B**
- **Product mounts high out of reach for increased tamper resistance**
- **Divided channel system allows for routing and terminations of both power and data cabling**
- **Raceway and fitting covers may be painted to match any décor**



Pan-Way® Cove Raceway includes a full complement of fittings and transitions easily to other Panduit raceway such as LD, LDPH, LD2P10, T-45 and T-70.

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## Cove Raceway Roadmap

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C1.  
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Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

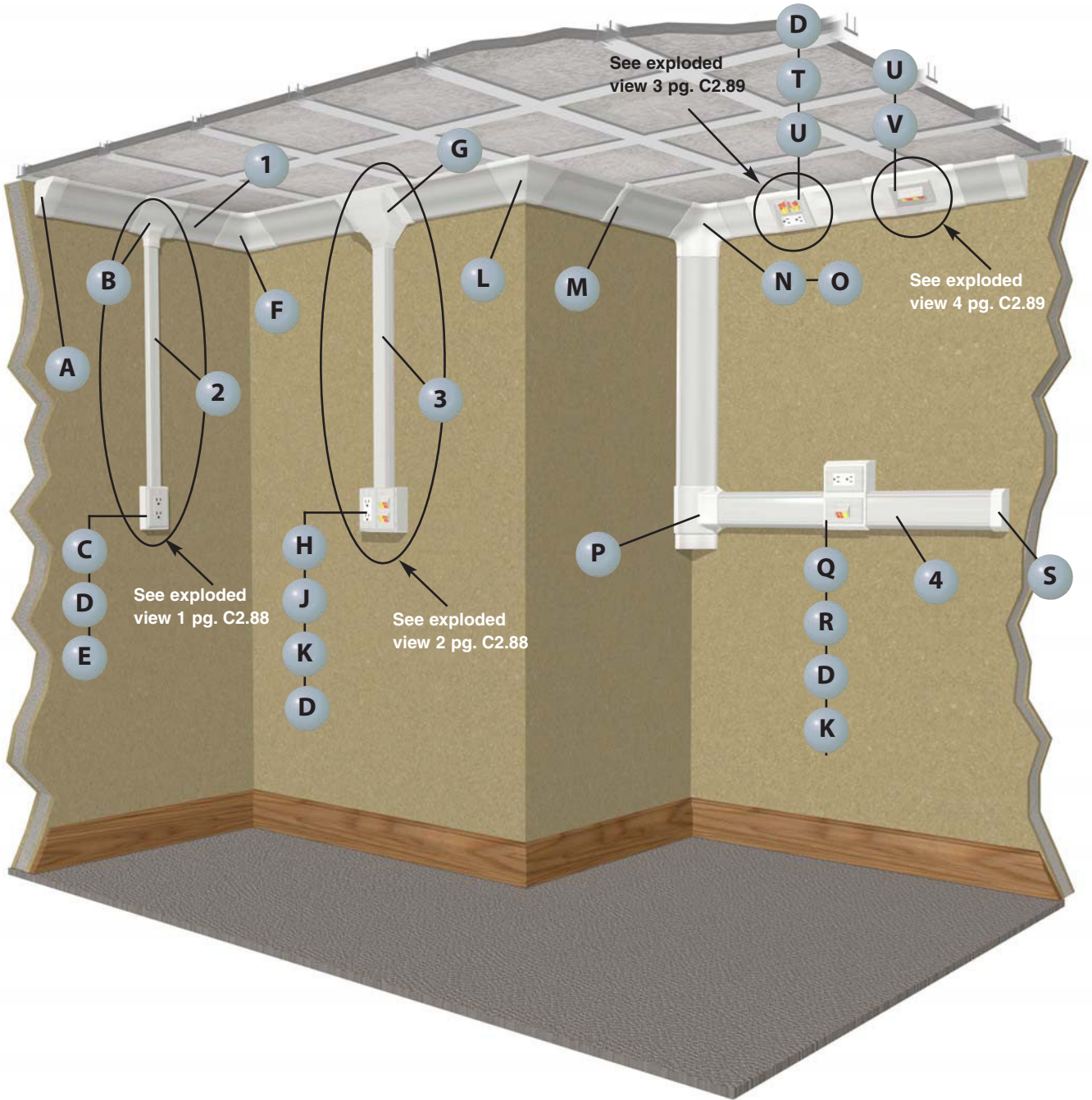
E2.  
Labels

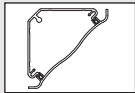
E3.  
Pre-Printed  
& Write-On  
Markers

E4.  
Permanent  
Identification

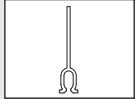
E5.  
Lockout/  
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& Safety  
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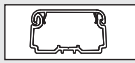




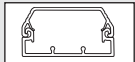
**1** WCM35BIW, WCM35CIW – Cove Raceway Base and Cover (page C2.90)



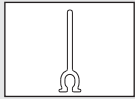
**1** WCM35DW – Cove Raceway Divider Wall (page C2.90)



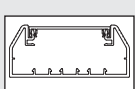
**2** LDPH10\*\* – LDPH10 Raceway (page C2.77)



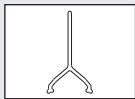
**3** T45B\*\*, T45C\*\* – T-45 Raceway Base and Cover (page C2.48)



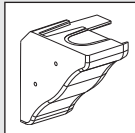
**3** T45DW – T-45 Raceway Divider Wall (page C2.48)



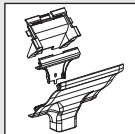
**4** T70B\*\*, T70C\*\* – T-70 Raceway Base and Cover (page C2.36)



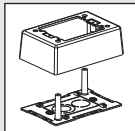
**4** T70DW – T-70 Raceway Divider Wall (page C2.36)



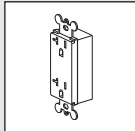
**A** WCM35ECIW – Cove Raceway End Cap (page C2.91)



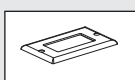
**B** WCM35TR10IW – Cove Raceway Low Profile Transition Fitting for LD/LDPH10 Raceway (page C2.91)



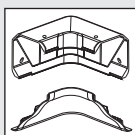
**C** JBP1\*\* – Power Rated Single Gang Two-Piece Box (page C2.58)



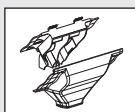
**D** ERU20\*\* – 20 A Rectangular Outlet (page C2.61)



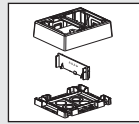
**E** CPG\*\* – Single Gang Rectangular Electrical/Communication Screw-On Faceplate (page C2.60)



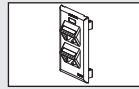
**F** WCM35ICIW – Cove Raceway Inside Corner Fitting (page C2.91)



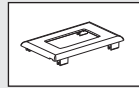
**G** WCM35TRIW – Cove Raceway Transition Fitting for T-45 and LD Series Raceways (page C2.91)



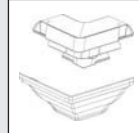
**H** JBP2F5\*\* – Fast-Snap™ Double Gang Power Rated Surface Mount Outlet Box (page C2.52)



**J** UIT70FV4\*\* – Ultimate ID® Sloped Vertical Snap-On Faceplate (see SA-NCCB51)



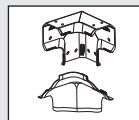
**K** T70PG\*\* – Single Gang Rectangular Electrical/Communication Snap-On Faceplate (page C2.53)



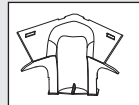
**L** WCM35OCIW – Cove Raceway Outside Corner Fitting (page C2.91)



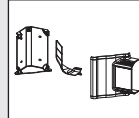
**M** WCM35CCIW – Cove Raceway Cover Coupler Fitting (page C2.91)



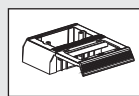
**N** WCM35TIW – Cove Raceway Tee Fitting (page C2.91)



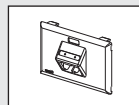
**O** WCM35TI – Cove Raceway Tee Fitting Insert (page C2.91)



**P** WCM35TR70IW – Cove Raceway Low Profile Transition Fitting for T-70 Raceway (page C2.91)



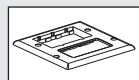
**Q** T70WC2\*\* – T-70 Workstation Outlet Center™ Offset Box for Snap-On Faceplates (page C2.37)



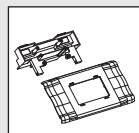
**R** UIT70FH2\*\* – Ultimate ID® Horizontal Snap-On Faceplate (see SA-NCCB51)



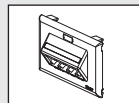
**S** T70EC\*\* – T70 Raceway End Cap Fitting (page C2.37)



**T** FP2RC\*\* – Double Gang Rectangular Electrical and Communication Faceplate (page C2.60)



**U** WCM35DBFIW – Cove Raceway Device Box and Faceplate Adapter (page C2.91)



**V** UIT70FH4\*\* – Ultimate ID® Horizontal Snap-On Faceplate (see SA-NCCB51)

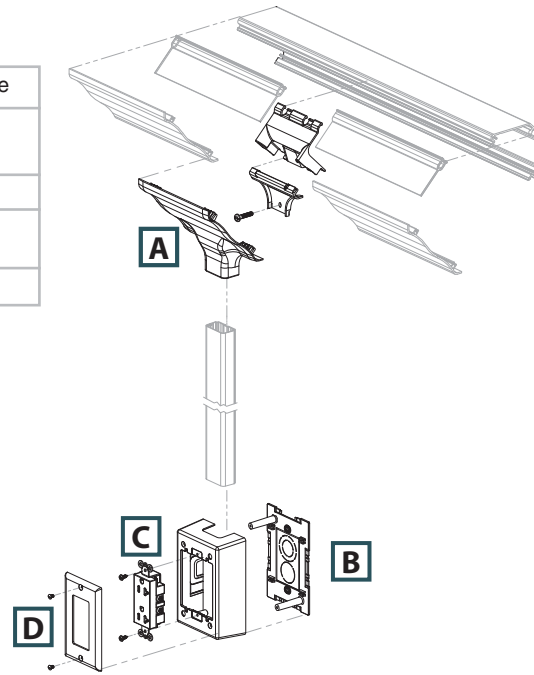
A.  
System  
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## Cove Configurations

B1.  
Cable Ties

### Exploded View 1

	Components Required	See page
A.	WCM35TR10 = Cove raceway low profile transition fitting for LD/LDP10 raceway.	C2.91
B.	JBP1 = Power rated single gang two-piece box.	C2.58
C.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.61
D.	CPG = Screw-on single gang rectangular faceplate.	C2.60



C1.  
Wiring  
Duct

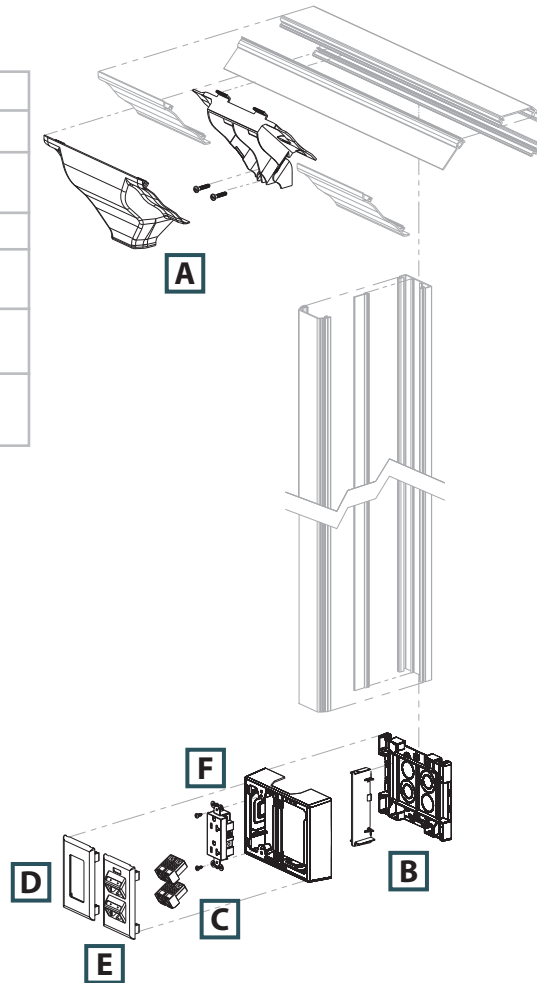
C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

### Exploded View 2

	Components Required	See page
A.	WCM35TR = Cove raceway transition fitting.	C2.91
B.	JBP2FS = Fast-Snap™ Double Gang Power Rated Surface Mount Outlet Box.	C2.52
C.	Mini-Com® Modules.	—
D.	T70PG = Single gang rectangular electrical/communication snap-on faceplate.	C2.53
E.	UIT70FV4 = Ultimate ID® Sloped Vertical Snap-On Faceplate.	—
F.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.61



D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
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E2.  
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E3.  
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E4.  
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E5.  
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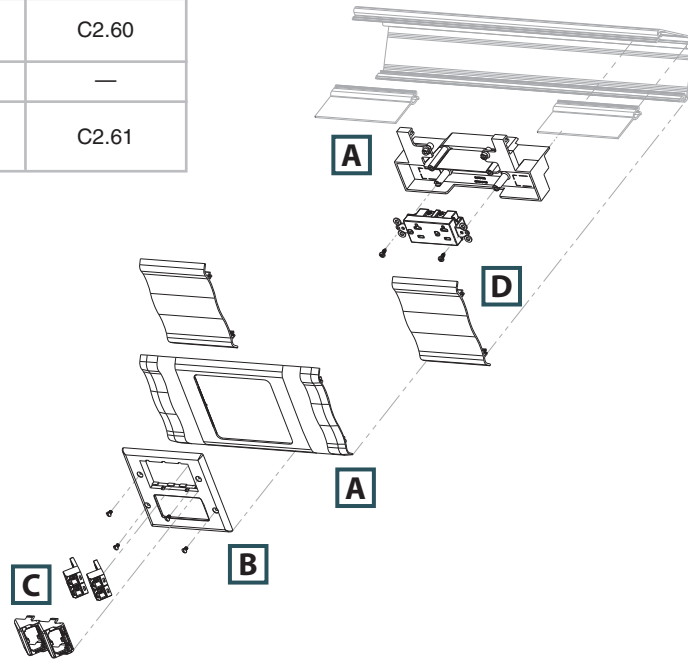
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## Cove Configurations (continued)

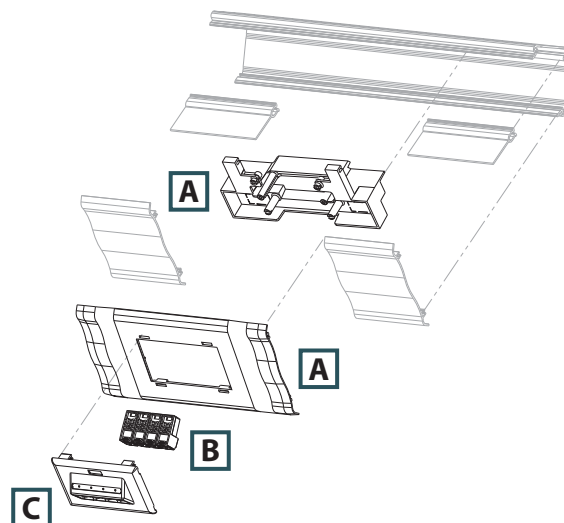
### Exploded View 3

	Components Required	See page
A.	WCM35DBF = Cove raceway device box and faceplate adapter.	C2.91
B.	FP2RC = Pan-Way® Classic Series Faceplates for power and communication.	C2.60
C.	Mini-Com® Modules.	—
D.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.61



### Exploded View 4

	Components Required	See page
A.	WCM35DBF = Cove raceway device box and faceplate adapter.	C2.91
B.	Mini-Com® Modules.	—
C.	UIT70FH4 = Ultimate ID® Horizontal Snap-On Faceplate.	—



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B2.  
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Accessories

B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

E2.  
Labels

E3.  
Pre-Printed  
& Write-On  
Markers

E4.  
Permanent  
Identification

E5.  
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& Safety  
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A. System Overview



## Pan-Way® Cove Raceway System

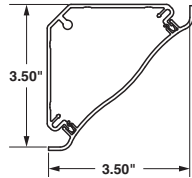
B1. Cable Ties

- UL and CSA rated 600 V; meets UL 5A and CSA C22.2 No. 62.1-03 standards; FT4 rated
- Bend radius control is maintained throughout the entire cove raceway system as required by TIA/EIA-568-B and 569-B

- Tamper resistant
- Transitions to Panduit T-70, T-45, and LD profile raceway
- Cove raceway and fittings may be painted to blend with any decor
- Supplied with pre-punched mounting holes

B2. Cable Accessories

B3. Stainless Steel Ties



COVE RACEWAY  
Internal Area = 5.40 Sq. In.  
(3484 Sq. mm)

C1. Wiring Duct

C2. Surface Raceway



WCM35B

C3. Abrasion Protection

C4. Cable Management



WCM35C

D1. Terminals

D2. Power Connectors



WCM35DW

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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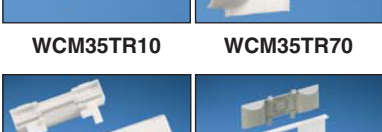
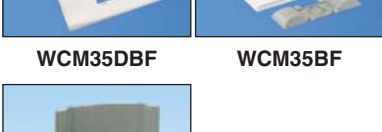
Part Number	Part Description	Raceway Size	Color†	Length (Ft.)	Std. Ctn. Qty.
<b>Cove Raceway Base</b>					
<b>WCM35BIW8</b>	Cove raceway base is available in 8' lengths and is used for mounting in the horizontal corner between the ceiling and wall or vertical corner between walls.	3.50" x 3.50" (89.0mm x 89.0mm)	Off White	8	64
<b>Cove Raceway Cover</b>					
<b>WCM35CIW8</b>	Cove raceway cover available in 8' lengths.	—	Off White	8	64
<b>Cove Raceway Divider Wall</b>					
<b>WCM35DW8</b>	Cove raceway divider wall. Snaps onto rails in cove raceway base to create separate channels. Must use wire retainers to ensure channel separation per UL/CSA. Available in 8' lengths.	—	Gray	8	64

†All parts available in IW (Off White) only except for WCM35DW8 which is available in gray only.  
Order number of feet required in multiples of standard carton quantity.  
Order raceway base and cover separately.



## Pan-Way® Cove Raceway Fittings

- Cove raceway fittings are designed to maintain the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems

Image	Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
	<b>WCM35CC</b> <b>WCM35IC</b>	<b>WCM35CCIW-X</b> Cover coupler fittings. Used to join two pieces of cove raceway cover together.	Off White	10	100
	<b>WCM35OC</b> <b>WCM35T</b>	<b>WCM35ICIW</b> Inside corner fitting. Used to join cove raceway at inside corners. Maintains a minimum 1" bend radius of cabling. <b>WCM35OCIW</b> Outside corner fitting. Used to join cove raceway at outside corners. Maintains a minimum 1" bend radius of cabling.	Off White	1	10
	<b>WCM35TI</b> <b>WCM35EC</b>	<b>WCM35TIW</b> Tee fitting. Used to join sections of cove raceway to form a "tee" junction. Maintains a minimum 1" bend radius of cabling. <b>WCM35TI</b> Tee fitting insert. Mounts inside cove raceway tee fitting to maintain channel separation at tee junctions. Maintains a minimum 1" bend radius of cabling.	Off White Gray	1	10
	<b>WCM35TR</b> <b>WCM35TR5</b>	<b>WCM35ECIW</b> End cap fitting. Used to terminate or enter cove raceway. Includes breakouts for 1/2" and 3/4" conduit. <b>WCM35TRIW</b> Transition fitting. Used to transition from cove raceway to Pan-Way® T-45 raceway or LD profile raceway.	Off White	1	10
	<b>WCM35TR10</b> <b>WCM35TR70</b>	<b>WCM35TR5IW</b> Low profile transition fitting. Used to transition from cove raceway to LD/LDPH5. <b>WCM35TR10IW</b> Low profile transition fitting. Used to transition from cove raceway to LD/LDPH10. <b>WCM35TR70IW</b> Low profile transition fitting. Used to transition from cove raceway to T-70.	Off White	1	10
	<b>WCM35DBF</b> <b>WCM35BF</b>	<b>WCM35DBFIW</b> Device box and faceplate adapter. Used in cove raceway to install single or double gang power and/or data devices in-line. Will accept snap-on or screw-on single gang faceplate or screw-on double gang faceplate. Note: Will accept GFCI or TVSS outlets in single gang configuration only. <b>WCM35BFIW</b> Backfeed fitting. Inserts allow cable entry and exit through the back of the raceway and conduit. Breakouts include 1/2", 3/4", and 1".	Off White	1	10
	<b>WCM35WR-X</b>	<b>WCM35WR-X</b> Wire retainer. Holds wires in place. Will not interfere with cover installation.	Gray	10	—

‡All parts available in IW (Off White) only except WCM35WR-X and WCM35TI which are available in gray only.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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A. System Overview

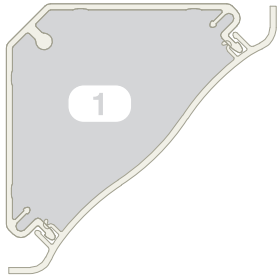
## Cable Fill Capacities for Cove Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.

B1. Cable Ties

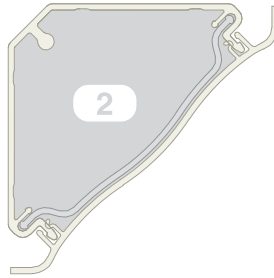
B2. Cable Accessories

B3. Stainless Steel Ties



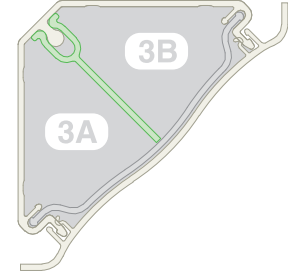
A = 5.4 in.²

**Cable fill #1:** Open channel without devices.



A = 5.0 in.²

**Cable fill #2:** Open channel with wire retainer.



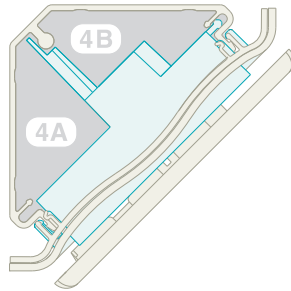
3A = 2.4 in.²    3B = 2.4 in.²

**Cable fill #3:** Divided channel (power and data) with wire retainer and divider wall.

C2. Surface Raceway

C3. Abrasion Protection

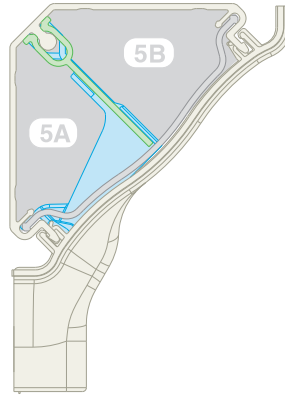
C4. Cable Management



A = 1.6 in.²

A = 1.4 in.²

**Cable fill #4:** Divided channel (power and data) with device box and faceplate.



A = 1.8 in.²

A = 2.4 in.²

**Cable fill #5:** Divided channel (power and data) with low profile transition insert.

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

**SPEC = 40% cable fill** – The recommended design in cable capacity, leaves room for future moves, adds, and changes.

**MAX for Data = 60% cable fill** – The maximum cable quantity based on cable interweaving and packing factors.

**MAX for Power cable fill** – The maximum of electrical cables based on UL temperature rise test.

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

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E5. Lockout/Tagout & Safety Solutions

F. Index

Raceway Type and Configuration	Fill Area (In.²)	Electrical Cables			Data Grade Cables		Data Grade Cables		Audio/Video		Fiber Optic Cable			
		14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6		2 Strand			
		THHN/T90			Category 6		Category 6A							
		0.111	0.130	0.164	Dia. = 0.250		Dia. = 0.330		Dia. = 0.275		Dia. = 0.175			
		FILL			FILL		FILL		FILL		FILL			
		MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
(UL Temp Rise Test)			(40%)		(60%)		(40%)		(60%)		(40%)		(60%)	
1. WCM35: No devices.	5.4	50	40	30	44	66	25	37	36	54	89	134		
2. WCM35: Using wire retainer – no devices.	5.0	50	40	30	40	61	23	35	33	50	83	124		
3A. WCM35: Power and data using wire retainer and divider wall.	2.4	—	—	—	19	29	11	16	16	24	39	59		
3B.	2.4	30	25	20	—	—	—	—	—	—	—	—		
4A. WCM35: Power and data using device box and faceplate adapter.	1.6	—	—	—	13	19	7	11	10	16	26	39		
4B.	1.4	25	25	20	—	—	—	—	—	—	—	—		
5A. WCM35: Power and data using low profile transition insert.	1.8	25	25	20	—	—	—	—	—	—	—	—		
5B.	2.4	—	—	—	20	30	11	17	16	25	41	62		

AWG dimensions represent typical outer cable diameter in inches.

## PAN-WAY® OFFICE FURNITURE RACEWAY

Pan-Way® Office Furniture Raceway is a one-piece single channel system designed to route data cabling along the top of office furniture partitions. Outlets can be positioned at any point along the partition at desk level or in the corner at the intersection of two partitions. Office furniture raceway has a tamper resistant closure design, which protects sensitive cabling from accidental damage and discourages unauthorized access, yet the system is accessible by a qualified installer for moves, adds, and changes.



- Designed for desktop terminations which utilize the typically unused area of the cubicle
- Fittings meet TIA/EIA bend radius requirements preventing cable performance degradation, yet maintain original aesthetic "squared corner" styling of furniture
- Designed to work with major office furniture manufacturer's panels (such as STEELCASE\*, HERMAN MILLER™ and others)
- Robust design includes a one-piece hinge and tamper resistant closure design which increases product stability and reduces inadvertent or unauthorized access to data cabling
- Designed for use with Panduit connectivity; also accepts common manufacturers' connectivity with use of a NEMA standard 70mm faceplate or module frame

The system includes a full complement of fittings, accessories, and termination options. Pan-Way® Office Furniture Raceway is available in four popular colors to blend with most office furniture systems and creates a virtually invisible cost effective routing solution.

\*STEELCASE is a registered trademark of Steelcase Development, Inc.

™HERMAN MILLER is a registered trademark of Herman Miller, Inc., Zeeland MI.

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B2.  
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Surface  
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C3.  
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## Office Furniture Raceway Roadmap

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E1.  
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E2.  
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Pre-Printed  
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Markers

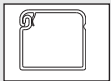
E4.  
Permanent  
Identification

E5.  
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& Safety  
Solutions

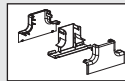
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Note: Office furniture raceway is designed to blend with its environment. Shown in white on office slate furniture for illustration purposes only.



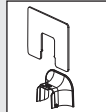
**1** OFR20\*\*6 – Office Furniture Raceway  
(page C2.98)



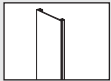
**L** OFR20MPT\*\* – Mid Panel Tee Fitting  
(page C2.100)



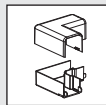
**A** OFCR70\*\*6 – Corner Raceway Base  
(page C2.98)



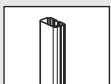
**M** OFR20WE\*\* – Wall Entrance Fitting  
(page C2.100)



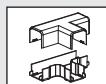
**B** OFCRC70\*\*6 – Corner Raceway Cover  
(page C2.98)



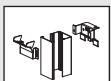
**N** OFR20RA\*\* – Right Angle Fitting  
(page C2.100)



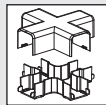
**C** OFVR5\*\*6 – Vertical Raceway  
(page C2.98)



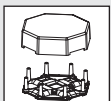
**O** OFR20T\*\* – Tee Fitting (page C2.100)



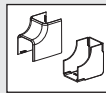
**D** OFR20CP\*\*8 – Communication Pole  
(page C2.99)



**P** OFR20CR\*\* – Cross Fitting  
(page C2.100)



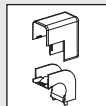
**E** OFR20OFCR70\*\*4 – Four Cubicle Drop  
Fitting (page C2.99)



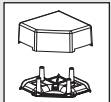
**Q** OFR20IC\*\* – Inside Corner Fitting  
(page C2.101)



**F** OFR20OFCR70\*\*2 – Two Cubicle Drop  
Fitting (page C2.99)



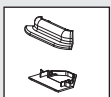
**R** OFR20OC\*\* – Outside Corner Fitting  
(page C2.101)



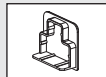
**G** OFR20OFCR70\*\*1 – One Cubicle Drop  
Fitting (page C2.99)



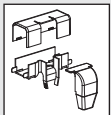
**S** OFR20CC\*\* – Coupler Fitting  
(page C2.101)



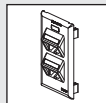
**H** OFCR70EC\*\* – End Cap Fitting  
(page C2.100)



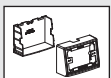
**T** OFR20EC\*\* – End Cap Fitting  
(page C2.101)



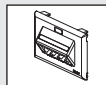
**J** OFR20SO\*\* – Spill-Over Fitting  
(page C2.100)



**U** OF70FV4\*\* – Vertical Sloped  
Communication Snap-On Faceplate  
(page C2.101)



**K** OFR20DMB\*\* – Desk Mount Box  
(page C2.100)



**V** OF70FH4\*\* – Horizontal Sloped  
Communication Snap-On Faceplate  
(page C2.101)

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## Office Furniture Configurations

B1.  
Cable Ties

### Exploded View 1

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Accessories

	Components Required	See page
A.	OFR20OFCR70**4 = Four cubicle drop fitting.	C2.99
B.	OFCR70**6 = Corner raceway base.	C2.98
C.	OFCR70EC = End cap fitting.	C2.100
D.	OF70FV4 = Vertical sloped communication snap-on faceplate.	C2.100
E.	Mini-Com® Modules.	—
F.	OFCRC70**6 = Corner raceway cover.	C2.98

B3.  
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Steel Ties

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C2.  
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D1.  
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D3.  
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E1.  
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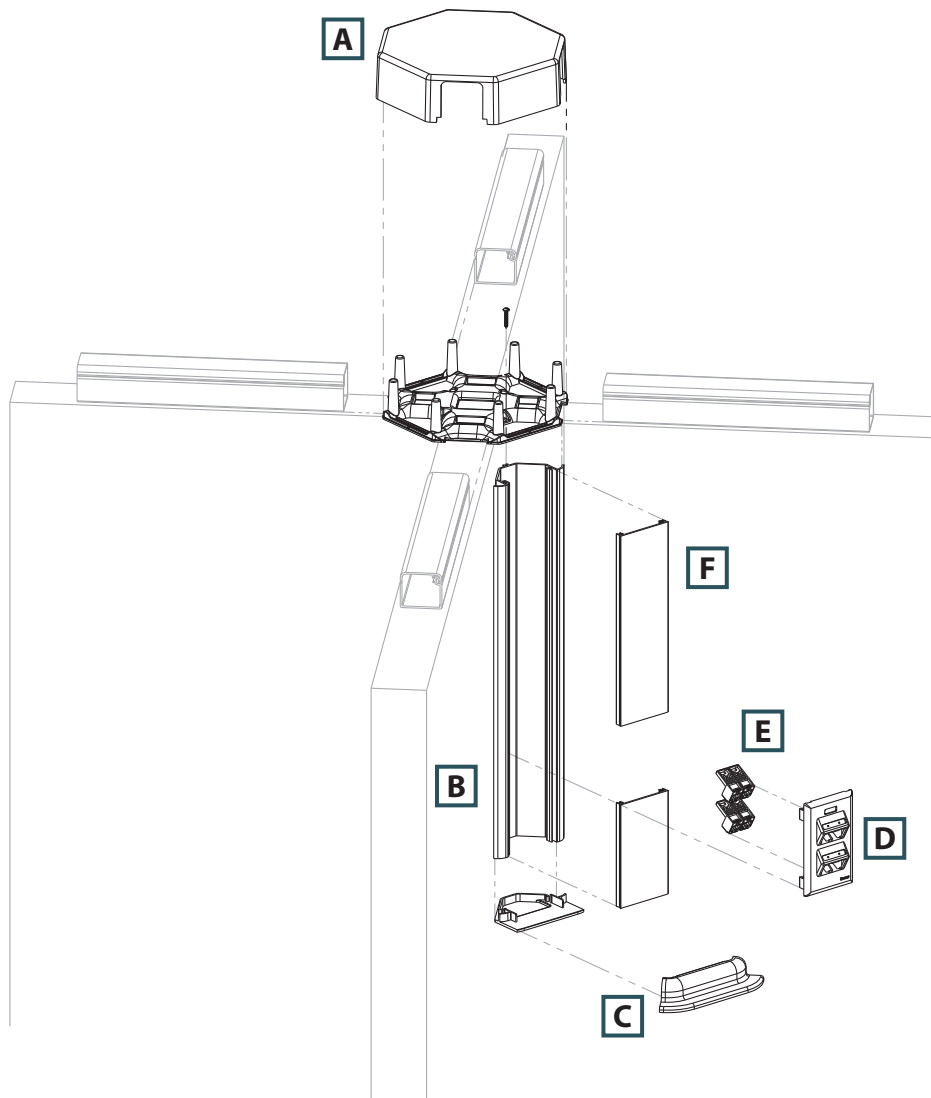
E2.  
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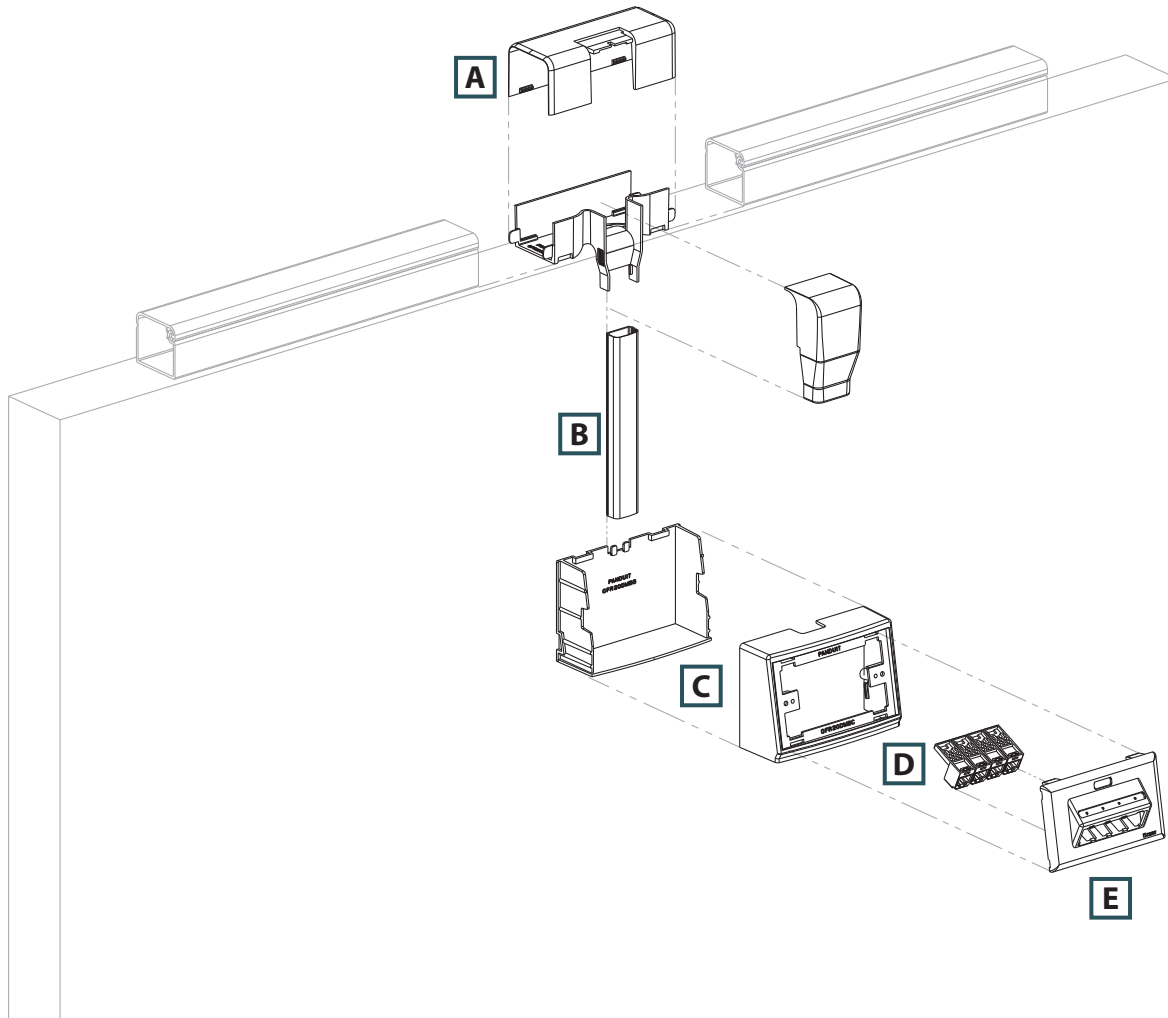




## Office Furniture Configurations (continued)

### Exploded View 2

	Components Required	See page
A.	OFR20SO** = Spill-over fitting.	C2.100
B.	OFVR5**6 = Vertical raceway.	C2.98
C.	OFR20DMB = Desk mount box.	C2.100
D.	Mini-Com® Modules.	—
E.	OF70FH4** = Horizontal sloped communication snap-on faceplate.	C2.101



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## Pan-Way® Office Furniture Raceway System

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B3. Stainless Steel Ties

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C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

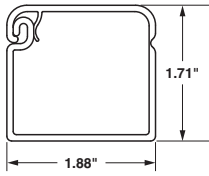
E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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- UL listed in accordance with UL 5C requirements for Class 2 Communication Cable Management Systems
- Maintains bend radius control throughout the entire office furniture raceway system as required by TIA/EIA-568-B and 569-B
- Faceplates are compliant with the labeling requirements of the TIA/EIA-606-A standard
- Robust design and tamper resistant closure increases product stability and prevents damage to cabling during and after installation
- Product supplied with adhesive backing for fast and easy installation
- Creates a virtually invisible solution for routing data cables on panels from all common manufacturers with a top cap width between 1.88 and 2.30 inches
- Designed for use with Pan-Net® Connectivity, also accepts all common manufacturers' connectivity with use of a NEMA standard 70mm faceplate or module frame



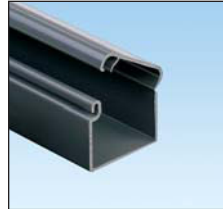
OFFICE FURNITURE RACEWAY  
Internal Area = 2.31 Sq. In.



Office Beige (OB)



Office Gray (OG)



Office Slate (OS)



Medium Tone (MT)



OFR20

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>OFR20OB6</b>	One-piece single channel low voltage raceway with adhesive tape backing for data cable routing along top of modular furniture partitions. Available in 6' lengths.	1.88" x 1.71" (48.0mm x 44.0mm)	Office Beige	6	6	48
<b>OFR20OB8</b>	One-piece single channel low voltage raceway with adhesive tape backing for data cable routing along top of modular furniture partitions. Available in 8' lengths.	1.88" x 1.71" (48.0mm x 44.0mm)	Office Beige	8	8	64

‡For other colors, replace OB (Office Beige) with OS (Office Slate), OG (Office Gray), or MT (Medium Tone). Order number of feet required in multiples of standard carton quantity.



## Pan-Way® Office Furniture Raceway Fittings

- Office furniture raceway fittings have been designed to maintain the TIA/EIA required 1 inch minimum bend radius for high performance copper and fiber optic cabling systems



OFCR70



OFCRC70



OFVR5

Part Number	Part Description	Labels Required	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>OFCR70OB6</b>	Office furniture corner raceway base. Used to terminate low voltage data cabling in the corner at the intersection of modular office furniture panels. Accepts 70mm standard faceplates. Available in 6' lengths.	—	Office Beige	6	48
<b>OFCRC70OB6</b>	Office furniture corner raceway cover. Available in 6' lengths.	—	Office Beige	6	48
<b>OFVR5OB6</b>	Office furniture vertical raceway. One-piece single channel raceway used to connect OFR20*6 or OFR20*8 to desk mount box (OFR20DMB**) and must be used with OFR20SO** or OFR20DSO**.	—	Office Beige	6	120

‡For other colors, replace OB (Office Beige) with OS (Office Slate), OG (Office Gray), or MT (Medium Tone). Computer printable labels found on pages E2.4 and E2.5



## Pan-Way® Office Furniture Raceway Fittings (continued)



OFR20CP



OFR20OFCR70\*\*4



OFR20OFCR70\*\*2



OFR20OFCR70\*\*1



OFR20OFCR70\*\*1P



OFR20OFCR70\*\*2P



OFR20OFCR70\*\*4P

Part Number	Part Description	Labels Required	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>OFR20CPOB8</b>	Communication pole. Allows for data cable entry into office furniture raceway from suspended ceiling. 8' pole allows maximum 7' distance from top of furniture partition to ceiling. Must be used with OFR20MPT**. Note: Not intended for use at intersection of furniture panels.	—	Office Beige	1	—
<b>OFR20OFCR70OB4</b>	Four cubicle drop fitting. Allows the transition from office furniture raceway run horizontally along partition wall to office furniture corner raceway mounted vertically in four cubicles at the intersection of partitions. Fitting maintains 1" minimum bend radius of cabling. Supplied with adhesive tape.	—	Office Beige	1	10
<b>OFR20OFCR70OB2</b>	Two cubicle drop fitting. Allows the transition from office furniture raceway run horizontally along partition wall to office furniture corner raceway mounted vertically in two cubicles at the intersection of partitions. Fitting maintains 1" minimum bend radius of cabling. Supplied with adhesive tape.	—	Office Beige	1	10
<b>OFR20OFCR70OB1</b>	One cubicle drop fitting. Allows the transition from office furniture raceway run horizontally along partition wall to office furniture corner raceway mounted vertically in one cubicle at the intersection of partitions. Fitting maintains 1" minimum bend radius of cabling. Supplied with adhesive tape.	—	Office Beige	1	10
<b>OFR20OFCR70OB1P</b>	One cubicle drop bypass fitting. Allows the transition from office furniture raceway run horizontally along partition wall, around existing furniture pole, to office furniture corner raceway mounted vertically in one cubicle at the intersection of partitions. Fitting maintains 1" minimum bend radius of cabling. Supplied with adhesive tape.	—	Office Beige	1	10
<b>OFR20OFCR70OB2P</b>	Two cubicle drop bypass fitting. Allows the transition from office furniture raceway run horizontally along partition wall, around existing furniture pole, to office furniture corner raceway mounted vertically in two cubicles at the intersection of partitions. Fitting maintains 1" minimum bend radius of cabling. Supplied with adhesive tape.	—	Office Beige	1	10
<b>OFR20OFCR70OB4P</b>	Four cubicle drop bypass fitting. Allows the transition from office furniture raceway run horizontally along partition wall, around existing furniture pole, to office furniture corner raceway mounted vertically in four cubicles at the intersection of partitions. Fitting maintains 1" minimum bend radius of cabling. Supplied with adhesive tape.	—	Office Beige	1	10

‡For other colors, replace OB (Office Beige) with OS (Office Slate), OG (Office Gray), or MT (Medium Tone).  
Computer printable labels found on pages E2.4 and E2.5

Table continues on page C2.100

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A. System Overview



## Pan-Way® Office Furniture Raceway Fittings (continued)

B1. Cable Ties



**OFRCR70EC**

B2. Cable Accessories



**OFR20SO**

B3. Stainless Steel Ties



**OFR20DSO**

C1. Wiring Duct



**OFR20DMB**

C2. Surface Raceway



**OFR20MPT**

C3. Abrasion Protection

C4. Cable Management

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D3. Grounding Connectors

E1. Labeling Systems

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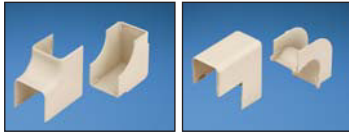
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Part Number	Part Description	Labels Required	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>OFCR70ECOB</b>	Corner raceway end cap fitting. Opening allows cord passage through fitting such as monitor and keyboard cables. Supplied with adhesive tape.	—	Office Beige	1	10
<b>OFR20SOOB</b>	Spill-over fitting. Allows transition from office furniture raceway run horizontally along partition wall to office furniture vertical raceway in one location. Adjustable fitting maintains 1" minimum bend radius of cabling and works with various panel widths between 1.88"– 2.30" (47.7mm - 58mm). Supplied with adhesive tape.	—	Office Beige	1	10
<b>OFR20DSOOB</b>	Double spill-over fitting. Fitting is used to spill over both sides of the furniture partitions at the same location. Incorporates a built-in, yet removable end cap that eliminates the need for additional raceway and fittings to terminate the pathway.	—	Office Beige	1	10
<b>OFR20DMBOB</b>	Desk mount box. Box accepts office furniture snap-on faceplates as well as 70mm NEMA standard screw-on faceplates. Designed for use with OFVR5**6 raceway and OFR20SO**, OFR20DSO** spill-over fittings. Supplied with adhesive tape.	—	Office Beige	1	10
<b>OFR20MPTOB</b>	Mid-panel tee fitting. Used to connect communication pole to office furniture raceway run horizontally along partition wall. Supplied with adhesive tape. Note: not intended for use at intersection of furniture panels.	—	Office Beige	1	10
<b>OFR20WEOB</b>	Wall entrance fitting. Allows entry from wall to office furniture raceway run horizontally along partition walls. Fitting includes bend radius protection and trim plate to cover wall opening. Requires minimum wall opening of 4.5"W x 3.0"H (114.3mm x 76.2mm). Supplied with adhesive tape.	—	Office Beige	1	10
<b>OFR20RAOB</b>	Right angle fitting. Used to join sections of office furniture raceway at 90° flat junction. Supplied with adhesive tape.	—	Office Beige	1	10
<b>OFR20TOB</b>	Tee fitting. Used to create an undivided tee junction between sections of office furniture raceway. Supplied with adhesive tape.	—	Office Beige	1	10
<b>OFR20CROB</b>	Cross fitting. Used to join sections of office furniture raceway at four corners. Supplied with adhesive tape.	—	Office Beige	1	10

‡For other colors, replace OB (Office Beige) with OS (Office Slate), OG (Office Gray), or MT (Medium Tone).  
Computer printable labels found on pages E2.4 and E2.5



## Pan-Way® Office Furniture Raceway Fittings (continued)

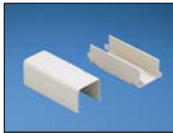


OFR20IC

OFR20OC



OFR20CC



OFR20LC



OFR20EC

OF70FH2



OF70FV2

OF70FH4



OF70FV4

T70SDB-X

Part Number	Part Description	Labels Required	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>OFR20ICOB</b>	Inside corner fitting. Used to join sections of office furniture raceway at inside corner. Supplied with adhesive tape.	—	Office Beige	1	10
<b>OFR20OCOB</b>	Outside corner fitting. Used to join sections of office furniture raceway at outside corner. Supplied with adhesive tape.	—	Office Beige	1	10
<b>OFR20CCOB-X</b>	Coupler fitting. For use with office furniture raceway.	—	Office Beige	10	100
<b>OFR20LCOB</b>	Long coupler fitting (with base). Used to bridge office furniture raceway between panel sections. Can also be used to fill void left by spill-over fitting, when furniture partitions are reconfigured. Supplied with adhesive tape.	—	Office Beige	1	10
<b>OFR20ECOB</b>	End cap fitting. Used to terminate office furniture raceway. Supplied with adhesive tape.	—	Office Beige	1	10
<b>OF70FH2OB</b>	Snap-on single gang horizontal sloped communication faceplate. Accepts up to two Panduit® Mini-Com® Modules (not included). No additional mounting hardware required. TIA/EIA-606-A compliant.	1-One Port 1-Two Port	Office Beige	1	10
<b>OF70FV2OB</b>	Snap-on single gang vertical sloped communication faceplate. Accepts up to two Panduit® Mini-Com® Modules (not included). No additional mounting hardware required. TIA/EIA-606-A compliant.	1-One Port 1-Two Port	Office Beige	1	10
<b>OF70FH4OB</b>	Snap-on single gang horizontal sloped communication faceplate. Accepts up to four Panduit® Mini-Com® Modules (not included). No additional mounting hardware required. TIA/EIA-606-A compliant.	1-One Port 1-Four Port	Office Beige	1	10
<b>OF70FV4OB</b>	Snap-on single gang vertical sloped communication faceplate. Accepts up to four Panduit® Mini-Com® Modules (not included). No additional mounting hardware required. TIA/EIA-606-A compliant.	1-One Port 2-Two Port	Office Beige	1	10
<b>T70SDB-X</b>	Standard faceplate bracket. Used to mount NEMA standard 70mm single gang screw-on faceplates. Can be used with T-70, Twin-70, TG-70 raceway and Pan-Pole™ Communication Pole.	—	Gray	10	—

‡For other colors, replace OB (Office Beige) with OS (Office Slate), OG (Office Gray), or MT (Medium Tone). Computer printable labels found on pages E2.4 and E2.5

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B1.  
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B2.  
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Steel Ties

C1.  
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Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
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D2.  
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D3.  
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Connectors

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E3.  
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E4.  
Permanent  
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E5.  
Lockout/  
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A.  
System  
Overview

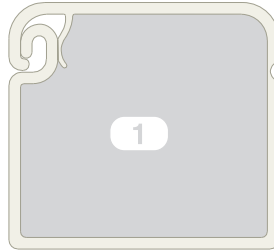
## Cable Fill Capacities for Office Furniture Raceway

B1.  
Cable Ties

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.

B2.  
Cable  
Accessories

B3.  
Stainless  
Steel Ties



$A = 2.31 \text{ in.}^2$

**Cable fill #1:** Open channel without devices

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

**SPEC = 40% cable fill** – The recommended design in cable capacity, leaves room for future moves, adds, and changes.

**MAX for Data = 60% cable fill** – The maximum cable quantity based on cable interweaving and packing factors.

C4.  
Cable  
Management

D1.  
Terminals

D2.  
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D3.  
Grounding  
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Raceway Type and Configuration	Fill Area (In. <sup>2</sup> )	Electrical Cables			Data Grade Cables		Data Grade Cables		Audio/Video		Fiber Optic Cable	
		14 AWG	12 AWG	10 AWG	24 AWG/UTP CM	24 AWG/UTP CM	RG6		2 Strand			
		THHN/T90			Cat. 6		Cat. 6A		DIA. = 0.275		DIA. = 0.175	
		0.111	0.130	0.164	DIA. = 0.250		DIA. = 0.330		DIA. = 0.275		DIA. = 0.175	
		FILL			FILL		FILL		FILL		FILL	
		MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
OFR20	2.3	—	—	—	18	28	10	16	15	23	38	57

AWG dimensions represent typical outer cable diameter in inches.

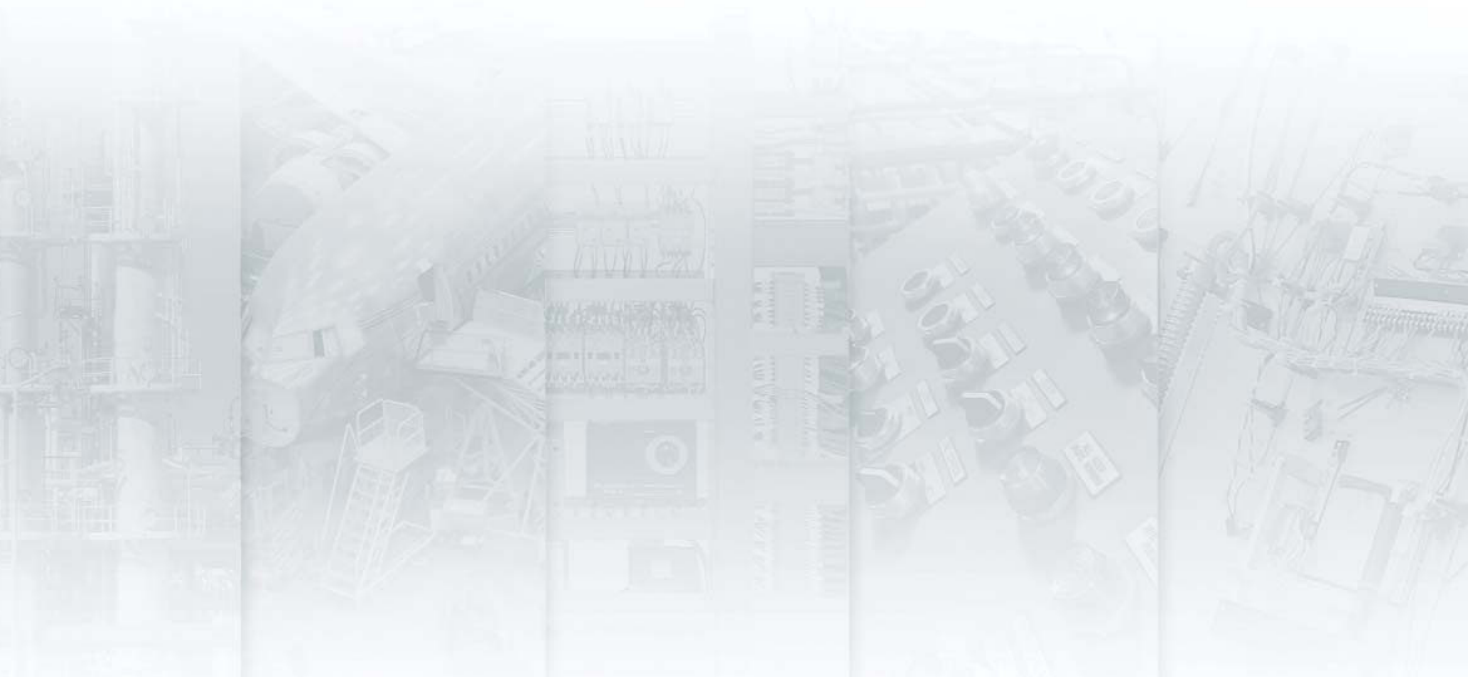
## PAN-POLE™ POWER AND COMMUNICATION POLES

Pan-Pole™ Power and Communication Poles provide industry-leading solutions for cable routing in the open office environment. Available with pre-terminated electrical outlets with divided channel for power and communication applications or as an open channel communication pole.



- Tamper resistant cover
- Bend radius control fitting (above ceiling) as required by TIA/EIA-568-B and 569-B.
- Complete with ceiling and floor mounting hardware

Pan-Pole™ Power and Communication Poles accept NEMA standard 70mm screw-on faceplates or superior Pan-Way® Snap-On Faceplates.



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Accessories

B3.  
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Steel Ties

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Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
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D3.  
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## Pan-Pole™ Power Pole

B1. Cable Ties

- Dual channel aluminum pole is equipped with pre-terminated electrical outlets and provides channel separation for the installation of communication cabling and modules

B2. Cable Accessories

- UL and CSA rated 600 V
- Available in 11 or 13 foot lengths and supplied with a non-metallic cover
- Electrical outlets are pre-wired

B3. Stainless Steel Ties

Pre-installed components include:

1. Blank non-metallic cover
2. Two 20 A factory wired rectangular outlets with wiring fed through power channel to base of power entry box

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

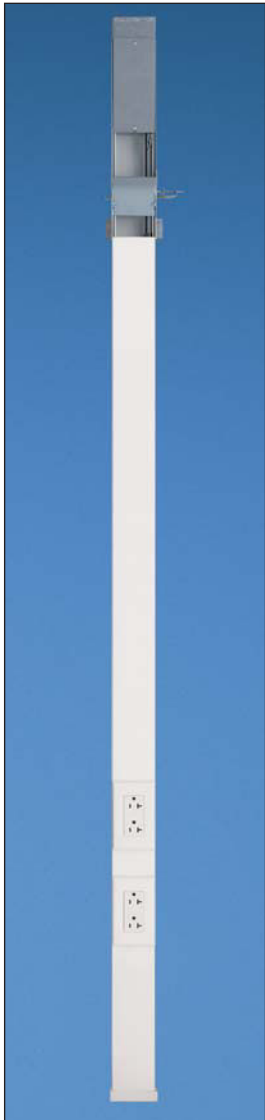
E5. Lockout/Tagout & Safety Solutions

F. Index

3. Power entry with 1/2" and 3/4" conduit breakouts
4. Removable plate for power wiring connections
5. Ground screw pre-mounted behind removable plate

Supplied mounting hardware includes:

1. Entry end bend radius fitting
2. Ceiling T-bar bracket
3. Ceiling tile trim plate
4. End cap
5. End cap floor grip pad



**PCPA11R20**  
**PCPA13R20**

Part Number	Part Description	Color‡	Std. Pkg. Qty.
<b>PCPA11R20IW</b>	Pan-Pole™ Power Pole assembly is supplied in 11' length for maximum ceiling height of 10'. Dual channel design allows for the installation of communication outlets.	Off White	1
<b>PCPA13R20IW</b>	Pan-Pole™ Power Pole assembly is supplied in 13' length for maximum ceiling heights of 12'. Dual channel design allows for the installation of communication outlets.	Off White	1

Communication components sold separately.

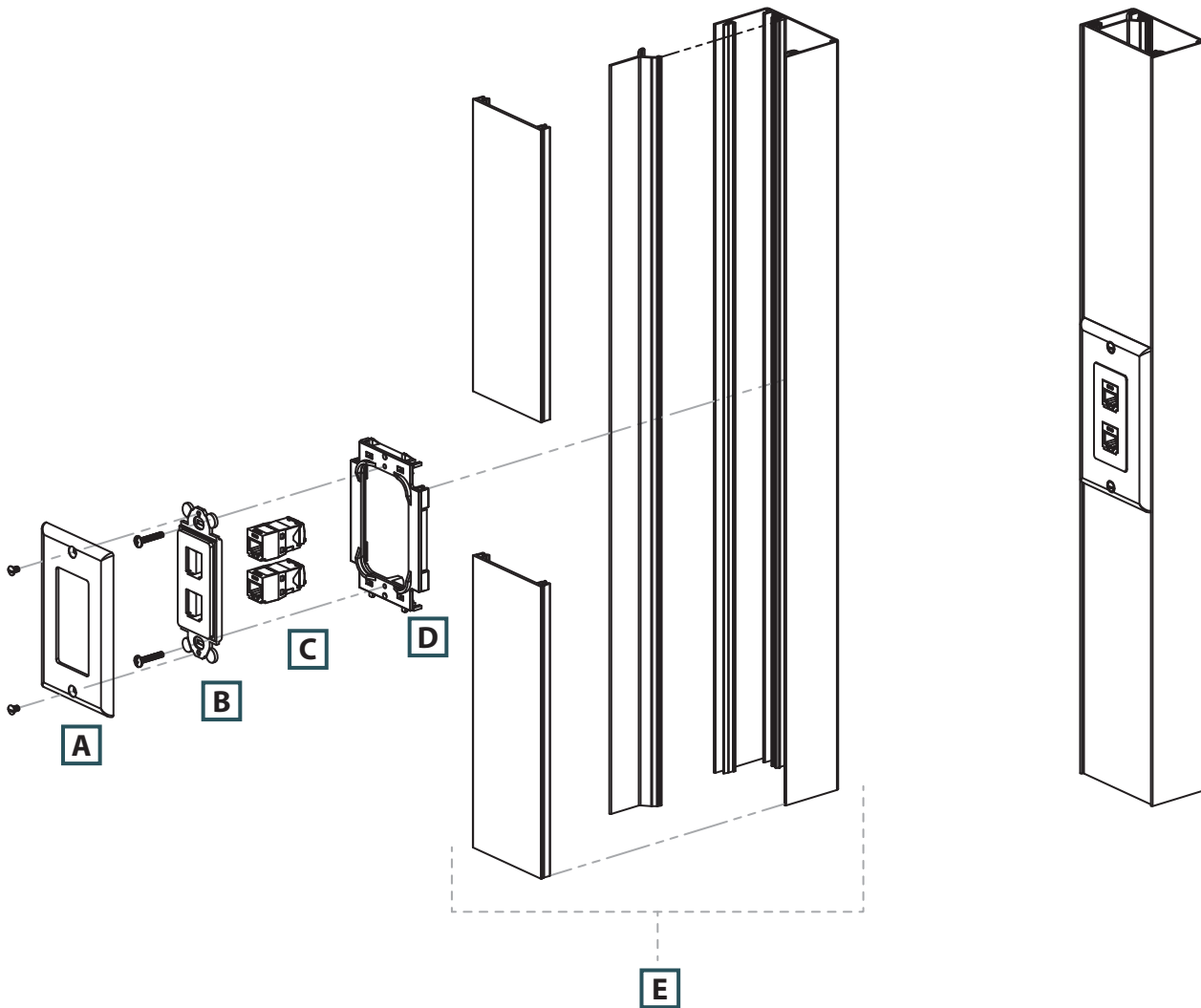
‡For other colors replace IW (Off White) with EI (Electric Ivory).



## Installation of Communication Outlets on Pan-Pole™ Power Pole

### Utilizing Standard Screw-On Faceplates

	Components Required	See page
A.	CPG** = Single gang rectangular screw-on faceplate (screws included).	C2.60
B.	CFG2** = Mini-Com® Module Frame – 2-port.	—
C.	Mini-Com® Modules.	—
D.	T70SDB-X = Standard faceplate bracket.	C2.40
E.	PCPA**R20 power pole.	C2.104



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B1.  
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B2.  
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B3.  
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Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

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Power  
Connectors

D3.  
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## Installation of Communication Outlets on Pan-Pole™ Power Pole (continued)

B1.  
Cable Ties

### Utilizing Panduit Snap-On Faceplates

B2.  
Cable  
Accessories

	Components Required	See page
A.	UIT70FV2** = Single gang vertical sloped communication snap-on faceplate.	—
B.	Mini-Com® Modules.	—
C.	PCPA**R20 power pole.	C2.104

B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

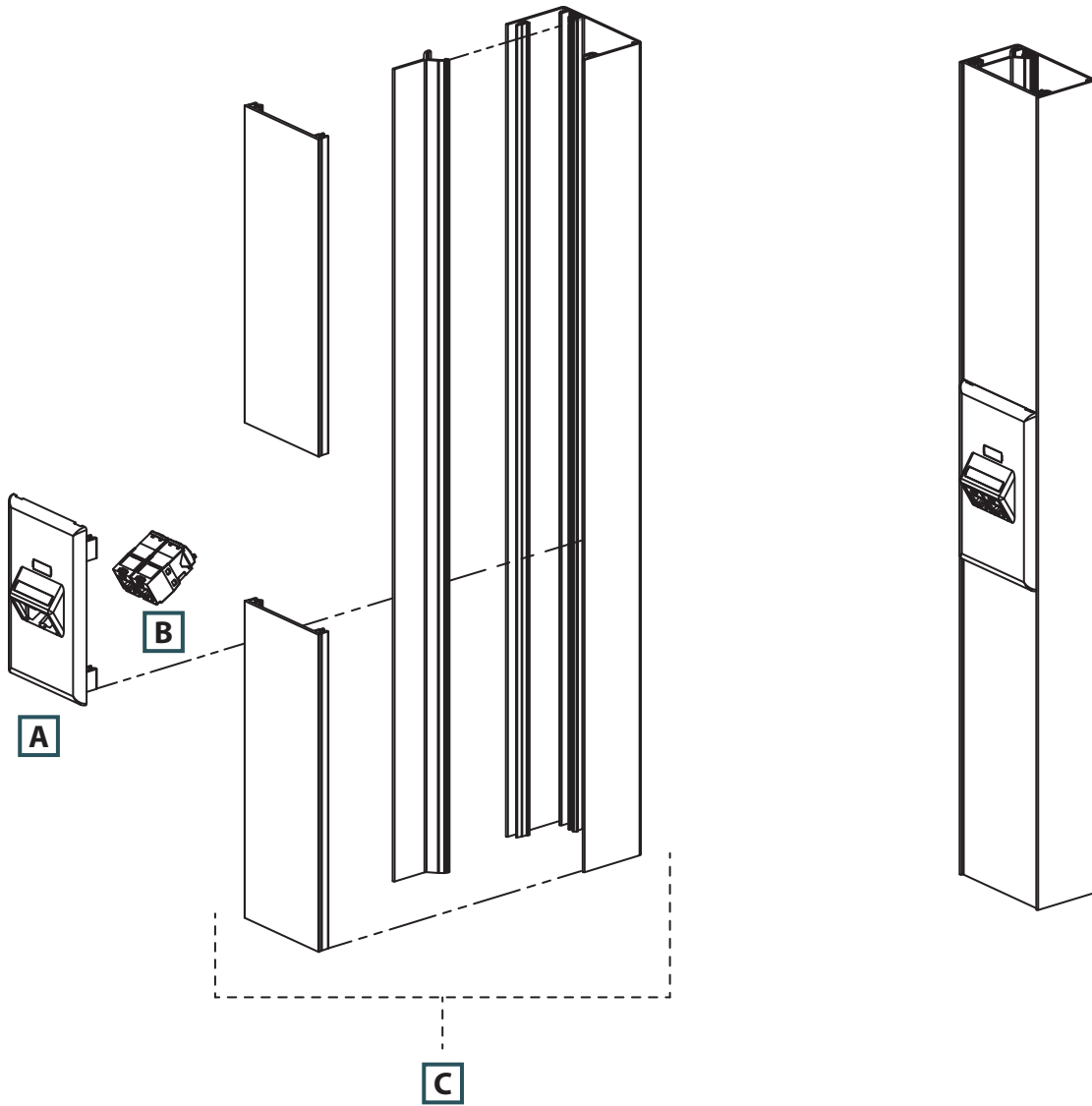
E2.  
Labels

E3.  
Pre-Printed  
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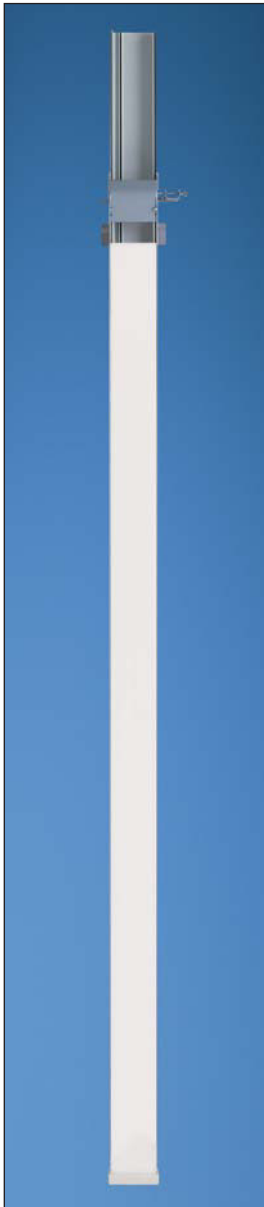


## Pan-Pole™ Communication Pole

- Single channel aluminum pole for routing low voltage communication cabling only
- Poles are available in 11 or 13 foot lengths and are supplied with a non-metallic cover

Supplied mounting hardware includes:

1. Entry end bend radius fitting
2. Ceiling T-bar bracket
3. Ceiling tile trim plate
4. End cap
5. End cap floor grip pad



**PCPA11**  
**PCPA13**

Part Number	Part Description	Color‡	Std. Pkg. Qty.
<b>PCPA11IW</b>	Pan-Pole™ Communication Pole assembly is supplied in 11' length for maximum ceiling height of 10'.	Off White	1
<b>PCPA13IW</b>	Pan-Pole™ Communication Pole assembly is supplied in 13' length for maximum ceiling height of 12'.	Off White	1

Communication components sold separately.

‡For other colors replace IW (Off White) with EI (Electric Ivory).

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Cable Ties

B2.  
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B3.  
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C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
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D2.  
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## Installation of Communication Outlets on Pan-Pole™ Communication Pole

B1.  
Cable Ties

### Utilizing Standard Screw-On Faceplates

B2.  
Cable  
Accessories

	Components Required	See page
A.	CPG** = Single gang rectangular screw-on faceplate (screws included).	C2.60
B.	CFG2** = Mini-Com® Module Frame – 2-port.	—
C.	Mini-Com® Modules.	—
D.	T70SDB-X = Standard faceplate bracket.	C2.40
E.	PCPA** = Communication pole.	C2.107

B3.  
Stainless  
Steel Ties

C1.  
Wiring  
Duct

C2.  
Surface  
Raceway

C3.  
Abrasion  
Protection

C4.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

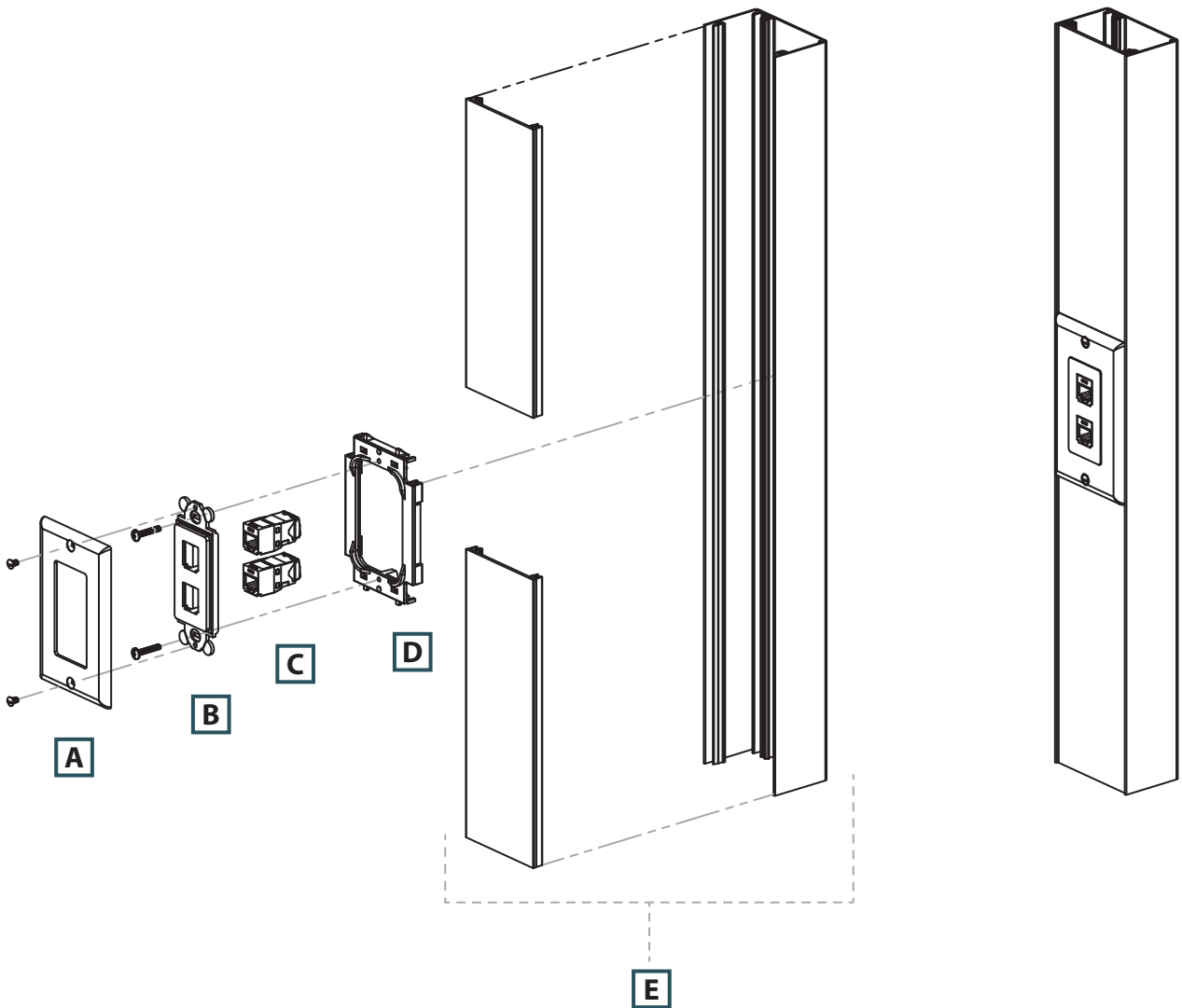
E2.  
Labels

E3.  
Pre-Printed  
& Write-On  
Markers

E4.  
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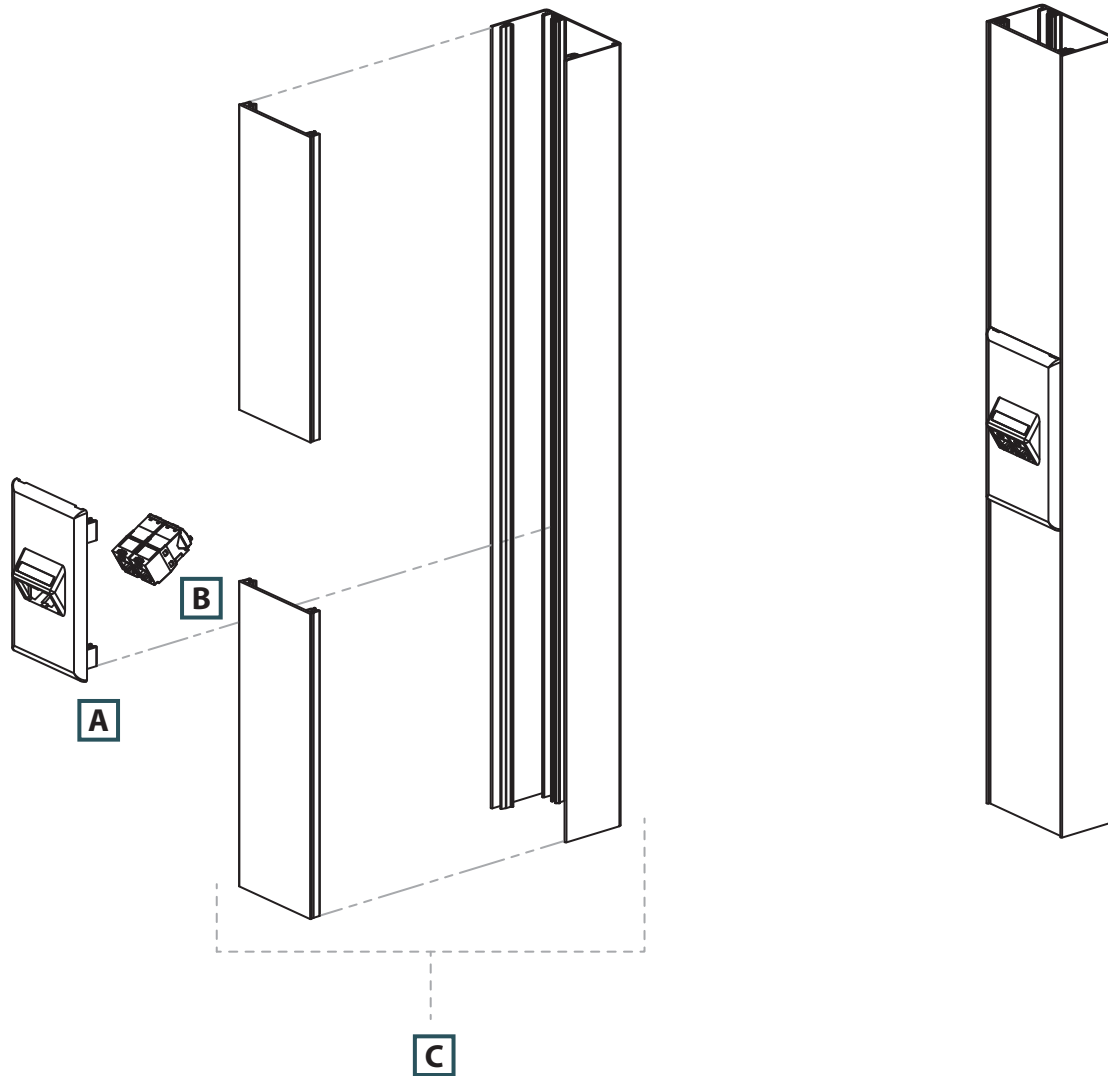
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## Installation of Communication Outlets on Pan-Pole™ Communication Pole (continued)

### Utilizing Panduit Snap-On Faceplates

	Components Required	See page
A.	UIT70FV2** = Single gang vertical sloped communication snap-on faceplate.	—
B.	Mini-Com® Modules.	—
C.	PCPA** = Communication pole.	C2.107



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B2.  
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Accessories

B3.  
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Ties

C1.  
Wiring  
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C2.  
Surface  
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C3.  
Abrasion  
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C4.  
Cable  
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D1.  
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E1.  
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A. System Overview



## Pan-Pole™ Extension Kits

B1. Cable Ties

B2. Cable Accessories

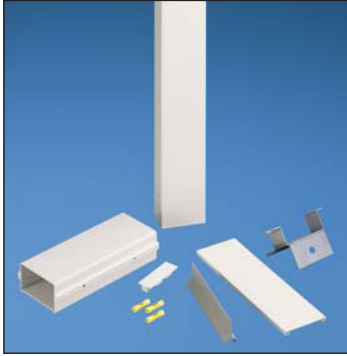
B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management



**PCPAK22**  
**PCPAK16**

Part Number	Part Description	Color‡	Std. Pkg. Qty.
<b>PCPAK22IW</b>	Pan-Pole™ Extension Kit. To extend the 11' pole to 22'. Extension kit includes: Fully assembled 11' pole with brace/coupler, additional wiring, and screws. Note: Customer needs to purchase a separate standard 11' pole to make the required length.	Off White	1
<b>PCPAK16IW</b>	Pan-Pole™ Extension Kit. To extend the 13' pole to 16'. Extension kit includes: fully assembled 3' pole with brace/coupler, additional wiring, and screws. Note: Customer needs to purchase a separate standard 13' pole to make the required length.	Off White	1

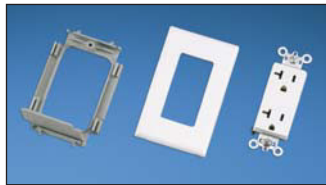
‡All product color is (IW) Off White.



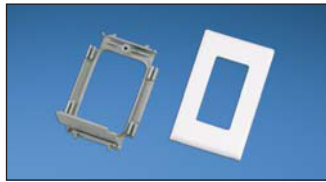
## Pan-Pole™ Power Addition Kits and Standard Faceplate Bracket

- Power addition kits (UL listed for field installation) provide for the addition of power outlets
- Allow for the installation of up to three additional duplex outlets (five outlets max.)

- Outlets may be added to the existing factory wired circuit or one additional circuit may be added



**PCPAKR20**



**PCPAKR**



**T70SDB-X**

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>PCPAKR20IW</b>	Power addition kit includes 20 A rectangular outlet with two mounting screws, outlet mounting bracket with one mounting screw, and snap-on faceplate.	Off White	1	10
<b>PCPAKR1W</b>	Power addition kit includes outlet mounting bracket with one mounting screw and snap-on faceplate. <i>Rectangular power outlet purchased separately.</i>	Off White	1	10
<b>T70SDB-X</b>	Standard faceplate bracket. Used to mount NEMA standard 70mm single gang screw-on faceplates. Can be used with T-70, Twin-70, TG-70 raceway and Pan-Pole™ Communication Pole.	Gray	10	—

‡For other colors replace IW (Off White) with EI (Electric Ivory).

When purchasing power addition kit with 20A outlet, use with Pan-Pole™ Power Pole, PCPA11R20IW and PCPA13R20IW.

When purchasing power addition it without outlet, rectangular power outlet needs to be purchased separately. Use with Pan-Pole™ Power Pole, PCPA11R20EI and PCPA13R20EI.

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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## Pan-Pole™ Replacement Parts



PCPKIT



PCPTP



PCPEC



PCPBRC

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>PCPKITIW</b>	Replacement parts include: bend radius control ramp, two thumb screws, one two-piece ceiling trim plate and one end cap with floor grip pad. Also available in EI (Electric Ivory).	Off White	1	5
<b>PCPTPIW</b>	Replacement ceiling trim plate.	Off White	1	—
<b>PCPECIW</b>	Replacement end cap with floor grip pad. Also available in EI (Electric Ivory).	Off White	1	—
<b>PCPBRC</b>	Replacement bend radius control ramp with T-bar bracket for attaching pole to T-bar. Includes mounting screws.	Gray	1	—

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Raceway

C3.  
Abrasion  
Protection

C4.  
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## Cable Fill Capacities for Pan-Pole™ Power and Communication Poles

The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

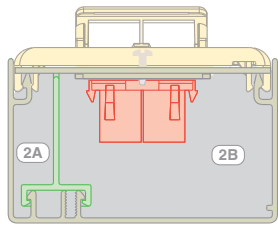
E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

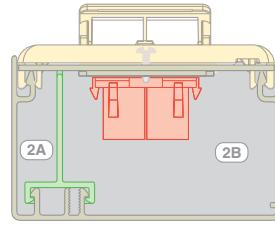
E5. Lockout/Tagout & Safety Solutions

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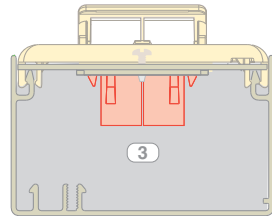
A = .47 in.<sup>2</sup>    A = 2.75 in.<sup>2</sup>

**Cable fill #1:** Power pole with data terminals using vertical sloped snap-on communication faceplate.



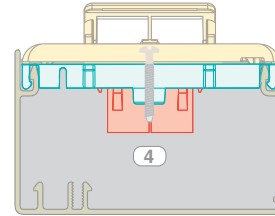
A = .43 in.<sup>2</sup>    A = 2.15 in.<sup>2</sup>

**Cable fill #2:** Power pole with data terminals using sloped screw-on communication faceplate.



A = 3.47 in.<sup>2</sup>

**Cable fill #3:** Communication pole using vertical sloped snap-on communication faceplate.



A = 2.83 in.<sup>2</sup>

**Cable fill #4:** communication pole using sloped screw-on communication faceplate.

**SPEC = 40% cable fill** – The recommended design in cable capacity, leaves room for future moves, adds, and changes.

**MAX for Data = 60% cable fill** – The maximum cable quantity based on cable interweaving and packing factors.

**MAX for Power cable fill** – The maximum of electrical cables based on UL temperature rise test.

	Raceway Type and Configuration	Fill Area (In. <sup>2</sup> )	Electrical Cables			Data Grade Cables		Data Grade Cables		Audio/Video		Fiber Optic Cable	
			14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6		2 Strand	
			THHN/T90			Cat. 6 (4-pr.)		Augmented Cat. 6					
			0.111	0.130	0.164	DIA. = 0.250		DIA. = 0.354		DIA. = 0.275		DIA. = 0.175	
			FILL			FILL		FILL		FILL		FILL	
MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	
(UL Temp Rise Test)			(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	
1A.	Power and communication: snap-on faceplates (power).	0.47	—	11	—	—	—	—	—	32	4	7	11
1B.	Communication.	2.75	—	—	—	22	33	12	19	18	27	45	68
2A.	Power and communication: Screw-on faceplates (power).	0.43	—	11	—	—	—	—	—	2	4	7	10
2B.	Communication.	2.15	—	—	—	17	26	10	15	14	21	35	53
3.	Communication only Snap-on faceplate.	3.47	—	—	—	28	42	16	24	23	35	57	86
4.	Communication only: Screw-on faceplates.	2.83	—	—	—	23	34	13	19	19	28	47	70

AWG dimensions represent typical outer cable diameter in inches.