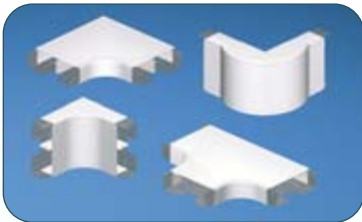# PAN-WAY® METAL RACEWAY

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:

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

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.

PMR40 Raceway Roadmap

See exploded view 1 pg. C2.4

See exploded view 2 pg. C2.4

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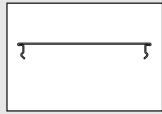
1 PMR40C** – PMR40 Cover (page C2.5)

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

1 PMR40CD-X – PMR40 Divider Clip (page C2.5)
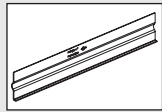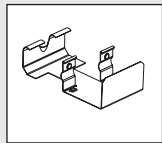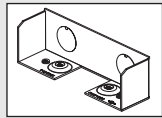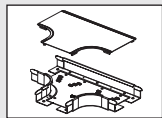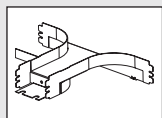
A PMR40EC** – End Cap (page C2.6)

B PMR40T** – Tee Fitting (page C2.6)

C PMR40TD50 – Tee Divider Insert (page C2.6)
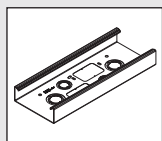
D PMR40BF** – Backfeed Fitting (page C2.6)
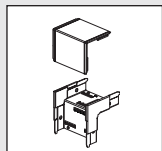
E PMR40SOC** – Outside Corner (*no bend radius*) (page C2.6)
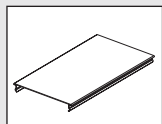
F PMR40C**7.75 – Pre-Cut Cover for mounting devices on 12" centers (page C2.5)
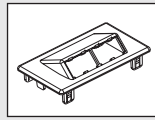
G PMR40FH4** – Horizontal Sloped Communication Faceplate (page C2.6)
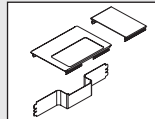
H PMR40DP50** – PMR40 50/50 Data Plate (page C2.6)
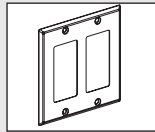
J MP2GR** – Double Gang Rectangular Faceplate (page C2.17)
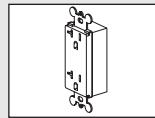
K ERU20** – 20 V Specification Grade Rectangular Outlet (page C2.60)
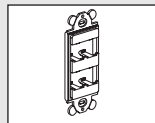
L CFG4 – *MINI-COM*® Frame
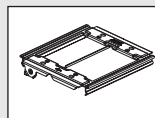
M PMR40DB50 – Device Bracket (page C2.6)
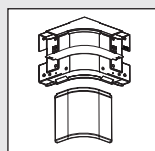
N PMR40IC** – Inside Corner (page C2.6)
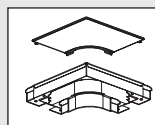
O PMR40RA** – Right Angle (page C2.5)
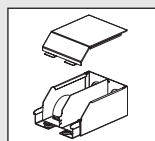
P PMR40EE** – Entrance End (page C2.6)

PMR40 Configurations

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.	—
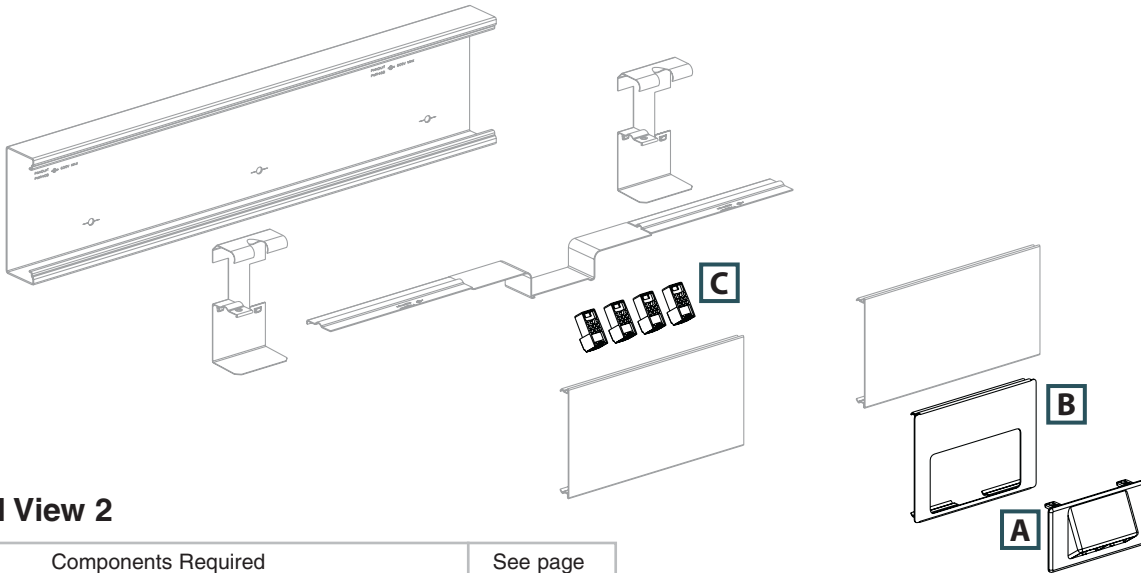
Exploded View 2

	Components Required	See page
A.	MP2GR** = Double gang rectangular faceplate.	C2.17
B.	ERU20** = 20 V specification grade rectangular outlet.	C2.60
C.	CFG4 = MINI-COM® Frame.	—
D.	MINI-COM® Modules.	—
E.	PMR40DB50-X = Device bracket.	C2.6
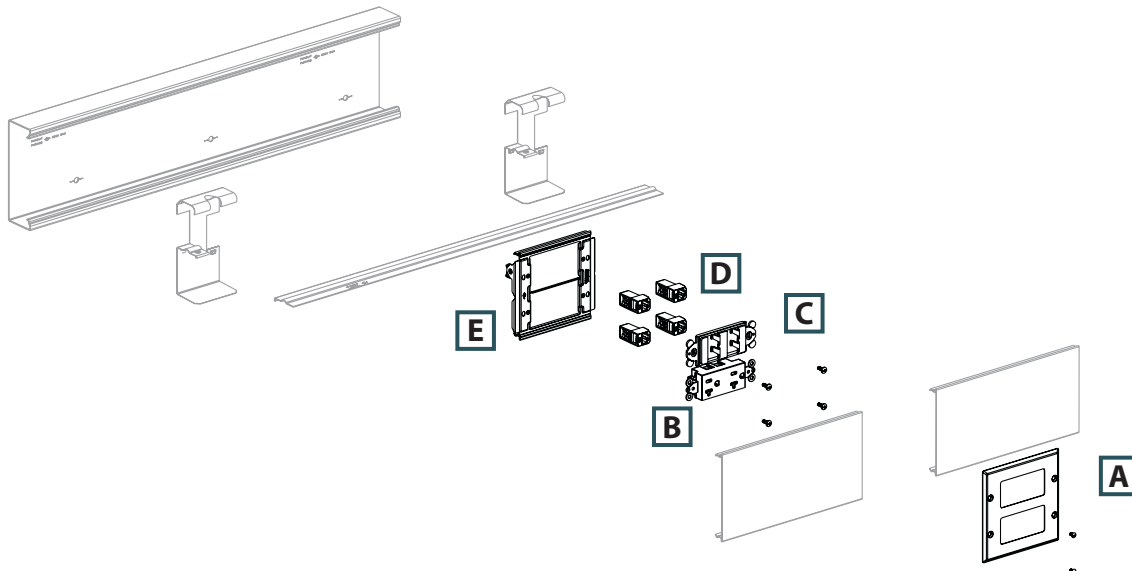
PAN-WAY® PMR40 Metal Raceway System

NEW!

- 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

1.61"

5.04"

PMR40
Internal Area = 7.45 Sq. In.
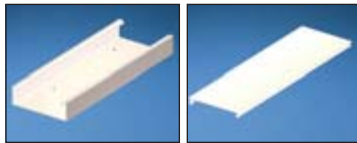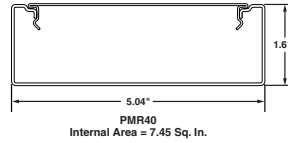
PMR40B

PMR40C

PMR40C***

PMR40C***
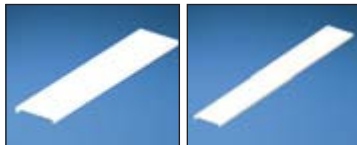
PMR40C***

PMR40C***

PMR40DW5

PMR40DC

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Pkg. Qty.
PMR40 Metal Raceway Base					
PMR40BWH10	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
PMR40 Metal Raceway Cover					
PMR40CWH5	PMR40 raceway cover available in 5' lengths.	—	White	5	5
PMR40 Metal Raceway Pre-Cut Covers					
PMR40CWH7.75	7.75" pre-cut cover. To be used with PMR40 raceway for mounting devices on 12" centers.	—	White	—	1
PMR40CWH13.75	13.75" pre-cut cover. To be used with PMR40 raceway for mounting devices on 18" centers.	—	White	—	1
PMR40CWH19.75	19.75" pre-cut cover. To be used with PMR40 raceway for mounting devices on 24" centers.	—	White	—	1
PMR40CWH31.75	31.75" pre-cut cover. To be used with PMR40 raceway for mounting devices on 36" centers.	—	White	—	1
PMR40 Metal Raceway Divider Wall					
PMR40DW5	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
Divider Wall Clip					
PMR40DC-X	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

NEW!

- 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
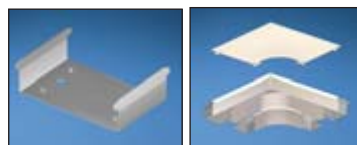
PMR40BC

PMR40RA

PMR40SIC

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
PMR40BC	Base coupler. Used to join sections of PMR40 raceway base.	Gray	10	100
PMR40RAWH	Right angle fitting. Used to join sections of PMR40 raceway at right angles.	White	1	10
PMR40SIC	Inside corner fitting without bend radius control. Used to join sections of PMR40 raceway at inside corners.	White	1	10

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

NEW! c(UL)us *PAN-WAY*® PMR40 Metal Raceway Fittings (continued)

PMR40IC **PMR40I45E**

PMR40SOC **PMR40OC**
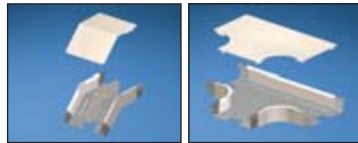
PMR40E45E **PMR40T**

PMR40TD50 **PMR40EC**

PMR40EE **PMR40TR**

PMR40BF **PMR40PC**

PMR40ICC **PMR40WR**

PMR40DB50 **PMR40DP50**

PMR40FH2 **PMR40FH4**

PMR40KH2 **PMR40KH4**

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
PMR40ICWH	Inside corner fitting. Used to join sections of PMR40 raceway at inside corners.	White	1	10
PMR40I45EWH	Internal 45° elbow fitting. Used to join sections of PMR40 raceway at 45° inside corners.	White	1	10
PMR40SOCWH	Outside corner fitting without bend radius control. Used to join sections of PMR40 raceway at outside corners.	White	1	10
PMR40OCWH	Outside corner fitting. Used to join sections of PMR40 raceway at outside corners.	White	1	10
PMR40E45EWH	External 45° elbow fitting. Used to join sections of PMR40 raceway at 45° outside corners.	White	1	10
PMR40TWH	Tee fitting. Used to join sections of PMR40 raceway at tee intersections.	White	1	10
PMR40TD50	Tee divider insert for a 50/50 data/power split. Maintains a 50/50 channel separation for power and data applications.	Gray	1	10
PMR40ECWH	End cap fitting. Used to terminate or allow entry into PMR40 raceway. Breakouts for 1/2" conduit.	White	1	10
PMR40EEWH	Entrance end fitting. Breakouts for 3/4", 1", and 1 1/4" conduit which allows entry from ceiling or wall.	White	1	10
PMR40TRWH	WIREMOLD* to PMR40 transition fitting. In-line transition fitting from Wiremold* 4000 series to PMR40 raceway.	White	1	10
PMR40BFWH	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
PMR40PCWH	Panel connector. To connect PMR40 raceway with surface type panel boxes.	White	1	10
PMR40ICC	Internal corner coupling.	White	1	10
PMR40WR-X	Wire retainer. Used to hold wires in place during installation.	Gray	10	100
PMR40DB50	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
PMR40DP50WH	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
PMR40FH2WH	Snap-on horizontal sloped communication faceplate. Accepts two *PANDUIT*® *MINI-COM*® Modules (not included). No additional mounting hardware required.	White	1	10
PMR40FH4WH	Snap-on horizontal sloped communication faceplate. Accepts four *PANDUIT*® *MINI-COM*® Modules (not included). No additional mounting hardware required.	White	1	10
PMR40KH2WH	Snap-on horizontal sloped communication faceplate. Accepts two Keystone modules (not included). No additional mounting hardware required.	White	1	10
PMR40KH4WH	Snap-on horizontal sloped communication faceplate. Accepts four Keystone modules (not included). No additional mounting hardware required.	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.
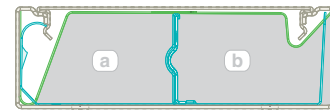

A = 7.45 in.²

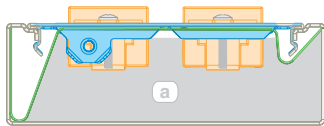**Cable fill #1:** Open channel without devices

A = 6.18 in.²

Cable fill #2: Undivided, wire retainer only
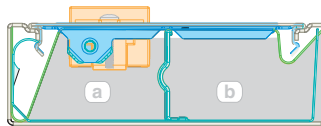
A = 2.64 in.²   **B = 3.04 in.²**

Cable fill #3: Divided with wire retainer
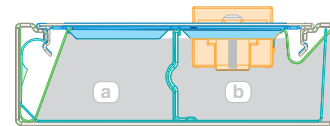
A = 4.64 in.²

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

A = 1.87 in.²   **B = 2.84 in.²**

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

A = 2.49 in.²   **B = 2.21 in.²**

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.²)	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			Category 6		Category 6A			
		0.111	0.130	0.164	Dia. = 0.250		Dia. = 0.330		Dia. = 0.275	
		FILL			FILL		FILL		FILL	
		MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
		40%	40%	40%	40%	60%	40%	60%	40%	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.	3.04	125	91	57	24	37	14	21	20	30
4. PMR40 – Undivided with duplex receptacle two sides	4.64	191	139	87	—	—	—	—	—	—
5a. PMR40 – Divided with duplex receptacle on (A) side	1.87	78	57	36	—	—	—	—	—	—
5b.	2.84	—	—	—	23	34	13	19	19	28
6a. PMR40 – Divided with duplex receptacle on (B) side	2.49	—	—	—	20	30	11	17	16	25
6b.	2.21	91	66	41	—	—	—	—	—	—

AWG dimensions represent typical outer cable diameter in inches.

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
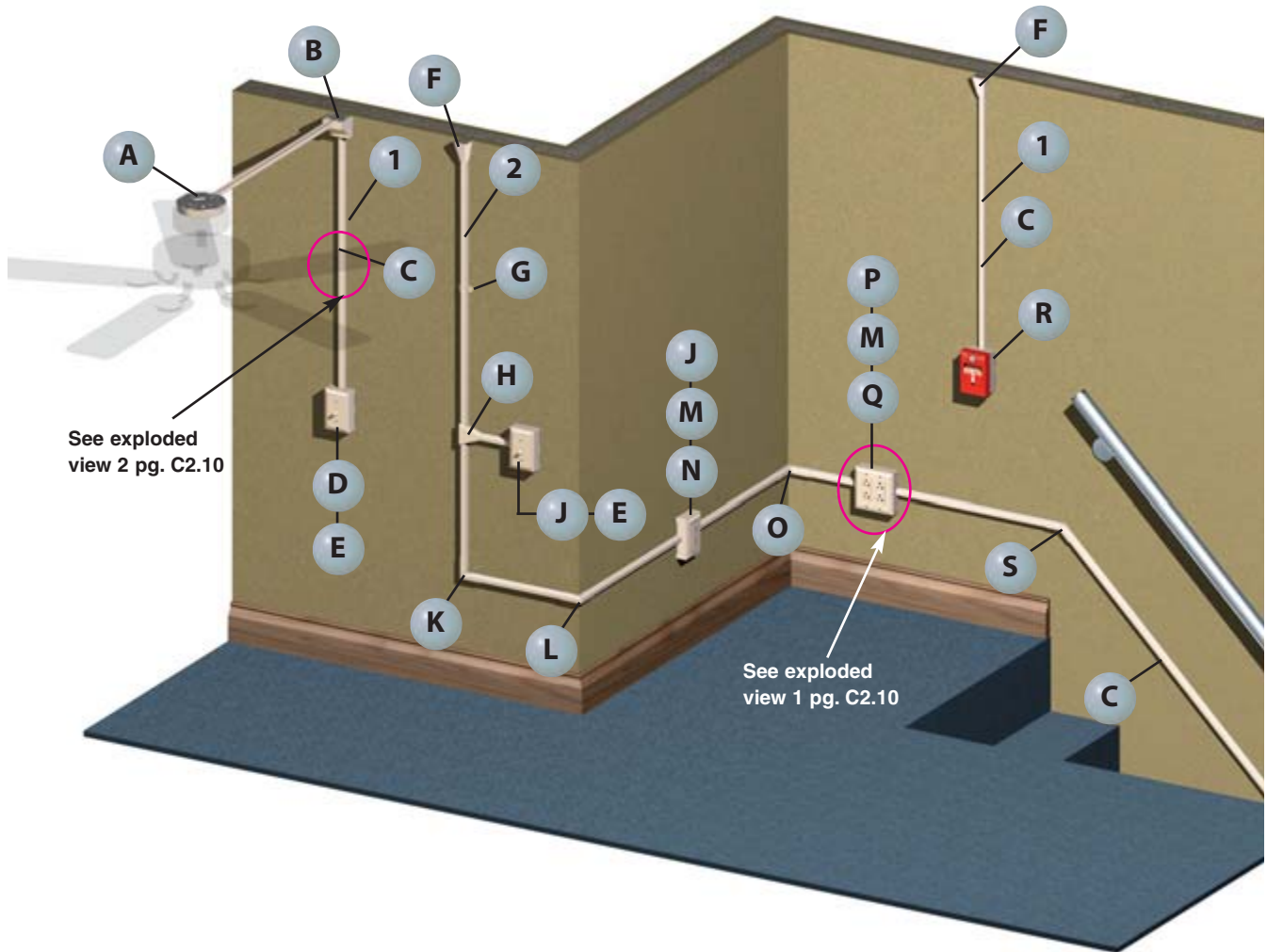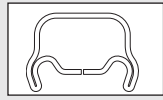
E1. Labeling Systems

E2. Labels

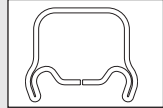E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/ Tagout & Safety Solutions

F. Index

PMR5/7 Raceway Roadmap

See exploded
view 2 pg. C2.10
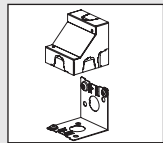
See exploded
view 1 pg. C2.10

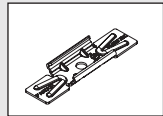**1** PMR5** – PMR5 Metal Raceway (page C2.11)

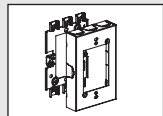**2** PMR7** – PMR7 Metal Raceway (page C2.11)

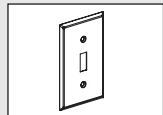**A** PMR5738A** – Round Fan/Fixture Box (page C2.16)

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)
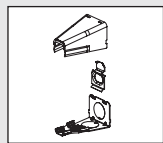
F PMR57EE – Entrance End Fitting (page C2.12)
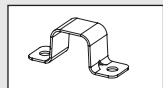
G PMR7MS** – Mounting Strap (page C2.11)
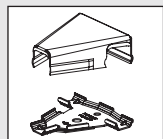
H PMR57T** – Tee Fitting (page C2.12)
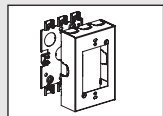
J PMR5747** – Single Gang Shallow Outlet Box (page C2.15)
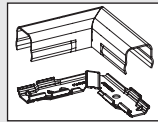
K PMR7RA** – Right Angle Fitting (page C2.12)
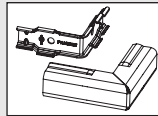
L PMR7OC** – Outside Corner Fitting (page C2.12)
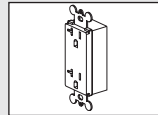
M ERU20** – 20 V Specification Grade Rectangular Outlet (page C2.60)
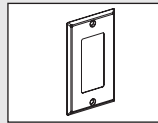
N MP1GR** – Single Gang Rectangular Faceplate (page C2.17)
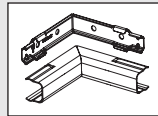
O PMR7IC** – Inside Corner Fitting (page C2.12)
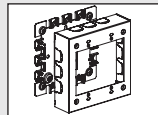
P PMR5747-2** – Double Gang Shallow Outlet Box (page C2.16)
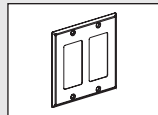
Q MP2GR** – Double Gang Rectangular Faceplate (page C2.17)
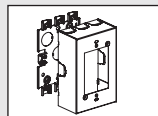
R PMR5748** – Single Gang Outlet Box (page C2.15)
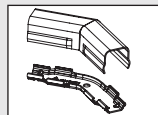
S PMR7DA** – Diagonal 45° Angle Fitting (page C2.12)

PMR5/PMR7 Configurations

Exploded View 1

	Components Required	See page
A.	MP2GR = Double gang rectangular faceplate.	C2.17
B.	ERU20 = 20 A Specification rectangular outlet.	C2.60
C.	PMR5747-2 = Double gang deep outlet box.	C2.16
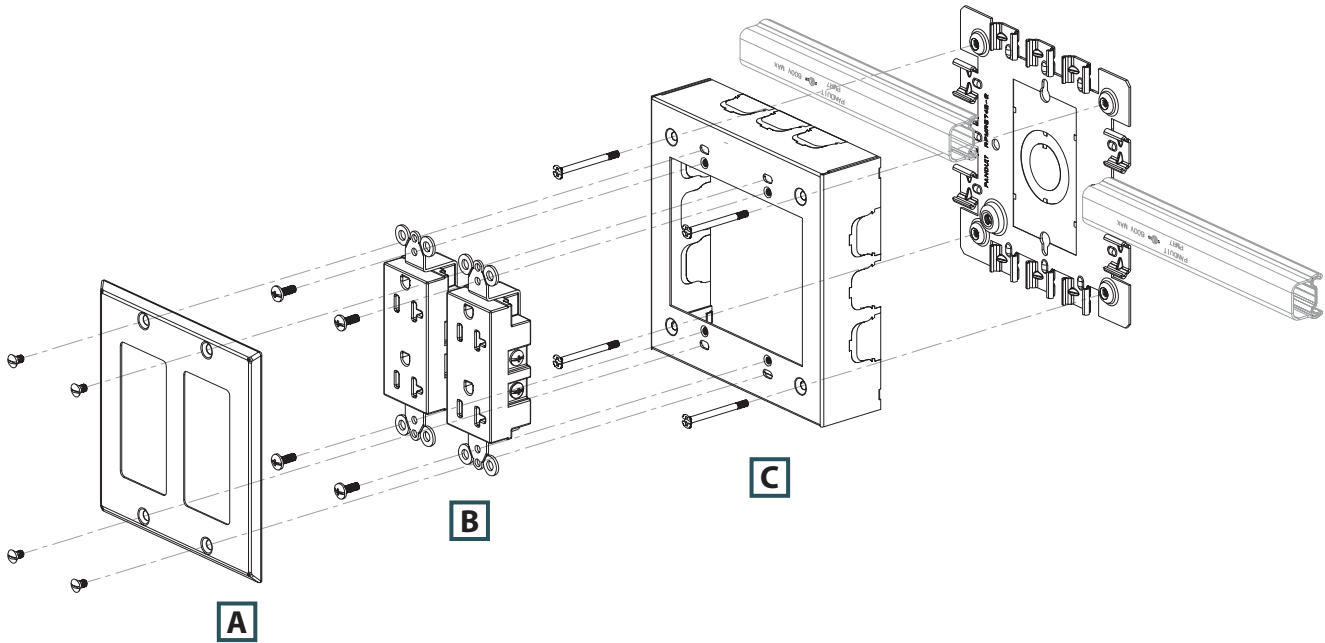
Exploded View 2

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

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Protection

C4.
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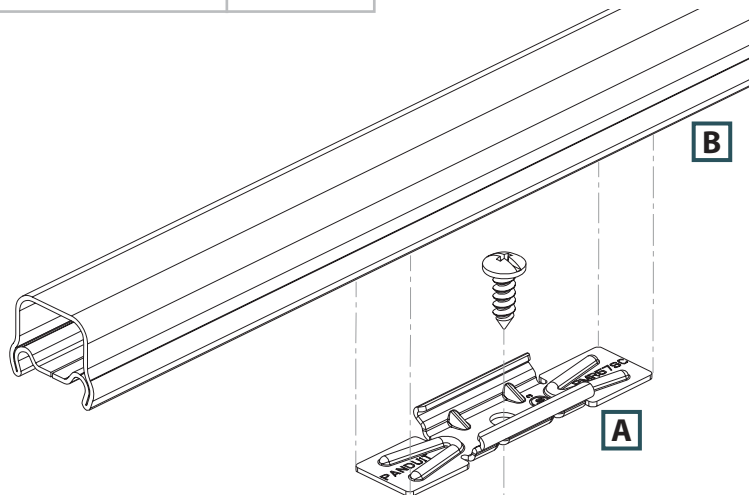
C (UL) **US** *PAN-WAY*® **PMR5/PMR7 Metal Raceway System** **NEW!**

- 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
Internal Area = 0.22 Sq. In.

PMR7
Internal Area = 0.30 Sq. In.

PMR5

PMR7

PMR57SC   **PMR57JC**
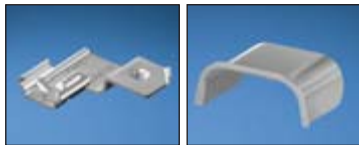
PMR57GC   **PMR5WPB
PMR7WPB**

**PMR5MS
PMR7MS**

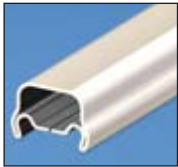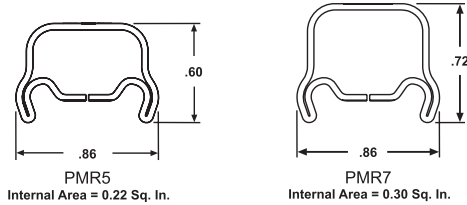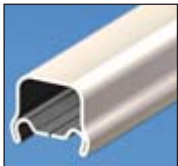| Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Pkg. Qty.	Std. Ctn. Qty.
PMR5 Metal Raceway						
PMR5WH5	One-piece single channel metal surface raceway. Available in 5' lengths.	.86" x .60" (21.8mm x 15.2mm)	White	5	5	50
PMR5WH10	One-piece single channel metal surface raceway. Available in 10' lengths.	.86" x .60" (21.8mm x 15.2mm)	White	10	10	100
PMR7 Metal Raceway						
PMR7WH5	One-piece single channel metal surface raceway. Available in 5' lengths.	.86" x .72" (21.8mm x 18.3mm)	White	5	5	50
PMR7WH10	One-piece single channel metal surface raceway. Available in 10' lengths.	.86" x .72" (21.8mm x 18.3mm)	White	10	10	100
Supporting Clip						
PMR57SC-X	Supporting clip used to support lengths of PMR5 or PMR7 raceway at any desired point.	—	Gray	—	10	100
Joint Coupling						
PMR57JC-X	Joint coupling used to join two lengths of PMR5 or PMR7 raceway.	—	Gray	—	10	100
Ground Clip						
PMR57GC-X	Ground clip used to provide additional grounding of raceway or to ground remote installations. For use with PMR5 or PMR7 raceway.	—	Gray	—	10	100
Metal Bushing						
PMR5WPB-X	Bushing used to protect wires from abrasion. For use with PMR5 raceway.	—	Gray	—	10	100
PMR7WPB-X	Bushing used to protect wires from abrasion. For use with PMR7 raceway.	—	Gray	—	10	100
Mounting Strap						
PMR5MSWH-X	Mounting strap for use with PMR5 raceway.	—	White	—	10	100
PMR7MSWH-X	Mounting strap for use with PMR7 raceway.	—	White	—	10	100

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

NEW! c(UL)us **PAN-WAY® PMR5/PMR7 Metal Raceway Fittings**

PMR5CC PMR7CC

PMR5RA PMR7RA

PMR5DA PMR7DA

PMR5IC PMR7IC

PMR5OC PMR7OC

PMR57LTE

PMR57RTE

PMR57T

PMR57EE

PMR57AOC

PMR57CB

PMR5TR PMR7TR

PMR57EBC

PMR57ECC

PMR57JBC50 PMR57JBC75

PMR57CC50 PMR57CC75

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
PMR5CCWH-X	Coupler fitting for use with PMR5 raceway.	White	10	100
PMR7CCWH-X	Coupler fitting for use with PMR7 raceway.	White	10	100
PMR5RAWH	Right angle fitting for use with PMR5 raceway.	White	1	10
PMR7RAWH	Right angle fitting for use with PMR7 raceway.	White	1	10
PMR5DAWH	Diagonal 45° angle fitting for use with PMR5 raceway.	White	1	10
PMR7DAWH	Diagonal 45° angle fitting for use with PMR7 raceway.	White	1	10
PMR5ICWH	Inside corner fitting for use with PMR5 raceway.	White	1	10
PMR7ICWH	Inside corner fitting for use with PMR7 raceway.	White	1	10
PMR5OCWH	Outside corner fitting for use with PMR5 raceway.	White	1	10
PMR7OCWH	Outside corner fitting for use with PMR7 raceway.	White	1	10
PMR57LTEWH	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
PMR57RTEWH	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
PMR57TWH	Tee fitting for use with PMR5 or PMR7 raceway.	White	1	10
PMR57EEWH	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
PMR57AOCWH	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
PMR57CBWH	Corner box for connecting PMR5 or PMR7 raceway. Each leg has 1/2" conduit breakouts and room for splicing.	White	1	10
PMR5TRWH	WIREMOLD* to PMR5 transition fitting. In-line transition fitting from Wiremold* 500 series to PMR5 raceway.	White	1	10
PMR7TRWH	WIREMOLD* to PMR7 Transition fitting. In-line transition fitting from WIREMOLD* 700 series to PMR7 raceway.	White	1	10
PMR57EBCWH	Elbow box connector used to connect PMR5 or PMR7 raceway to boxes at a right angle. Breakouts for 1/2" conduit.	White	1	10
PMR57ECCWH	Elbow conduit connector used to connect PMR5 or PMR7 raceway to conduit at a right angle. Breakouts for 1/2" conduit.	White	1	10
PMR57JBC50-X	Junction box connector used to connect PMR5 or PMR7 raceway to boxes with 1/2" conduit breakout.	White	10	100
PMR57JBC75-X	Junction box connector used to connect PMR5 or PMR7 raceway to boxes with 3/4" conduit breakout.	White	10	100
PMR57CC50-X	Conduit connector used to connect PMR5 or PMR7 raceway to 1/2" conduit.	White	10	100
PMR57CC75-X	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.

PMR5 and PMR7 Raceway Accessories

PMR57MRT   **PMRTUP****

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

Cable Fill Capacities for PMR5/PMR7 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.

.60
.86
PMR5

A = .22 in.²

.72
.86
PMR7

A = .30 in.²

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.

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
		40%	40%	40%	40%	60%	40%	60%	40%	60%	40%	60%
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.

PAN-WAY® Metal Raceway Boxes

NEW!

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 .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).

PMR5760 **PMR5751**

PMR5751-2 **PMR5751-3**

PMR5747 **PMR5747-2**

PMR5747-3 **PMR5748**
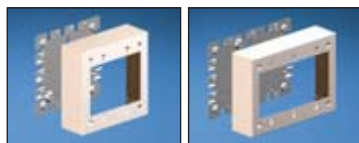
PMR5748-2 **PMR5748-3**

PMR5744S **PMR5744S-2**

NEW! ᶜ(U L)ᵘˢ PAN-WAY® Metal Raceway Boxes (continued)

PMR5744S-3   **PMR5744**

PMR5744-2   **PMR5744-3**

PMR5738   **PMR5738A**

PMR5739   **PMR5737**

PMR5737A   **PMR5739A**
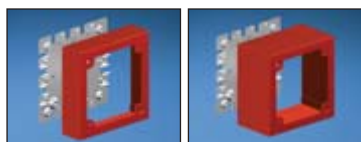
PMR5752   **PMR5753**

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
PMR5744S-3WH	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 x170.7mm x 57.2mm)	White	1	10
PMR5744WH	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
PMR5744-2WH	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
PMR5744-3WH	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
PMR5738WH	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
PMR5738AWH	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
PMR5739WH	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
PMR5737WH	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
PMR5737AWH	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
PMR5739AWH	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
PMR5752RD	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) **Available in red only.**	Red	1	10
PMR5753RD	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) **Available in red only.**	Red	1	10

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

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& Write-On
Markers

E4.
Permanent
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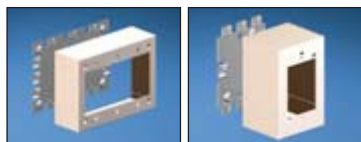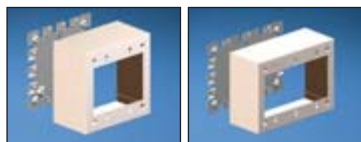E5.
Lockout/
Tagout
& Safety
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PAN-WAY® Metal Raceway Faceplates

NEW!
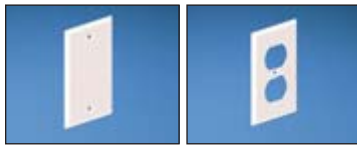
MP1GB **MP1G106**

MP1GR **MP1TS**

MP2GB **MP2G106**
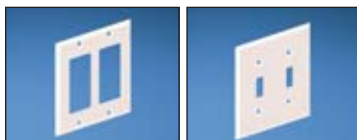
MP2GR **MP2TS**

MP2106B **MP2G106TS**

MP2GRB **MP2GRTS**

MP2G106R **MP3G106**

MP3GR **MP3TS**

MP3G1062TS

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 switch.	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).

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.

• **Aesthetically pleasing**

• **Lightweight**

• **Tamper resistant**

• **Bend radius control**

• **Resists dents and conceals scratches and chips**

• **Ease of modifications and additions**

• **Lowest installed cost**

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.

TG-70 Raceway Roadmap

See exploded view 2 pg. C2.22

See exploded view 4 pg. C2.23

See exploded view 3 pg. C2.23

See exploded view 1 pg. C2.22

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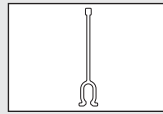
1 TGDW – TG-70 Raceway Divider Wall (page C2.24)

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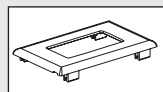
D T70PG** – Single Gang Rectangular Electrical/Communication Snap-On Faceplate (page C2.53)

E T70FV2** – Vertical Sloped Communication Snap-On Faceplate (page C2.52)
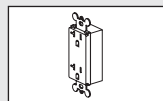
F ERU20** – 20 A Rectangular Electrical Outlet (page C2.60)
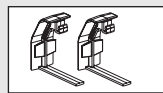
G TG70BC** – TG-70 Base Couplers (page C2.25)

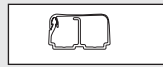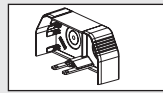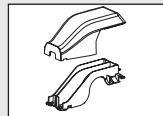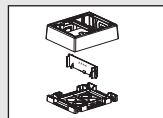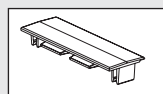**H** T70CC** – T-70 Cover Couplers (page C2.25)
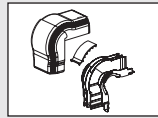
J TGOC** — TG-70 Outside Corner Fitting (page C2.25)
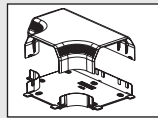
K TGT** — TG-70 Tee Fitting (page C2.25)
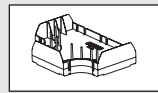
L TGTD — TG Tee Divider (page C2.25)
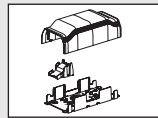
M TGBF** — TG-70 Backfeed Fitting (page C2.25)
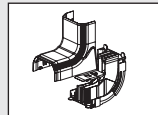
N TGIC** — TG-70 Inside Corner Fitting (page C2.25)
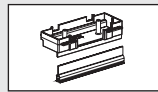
O TG70HB3-X – TG-70 Hanging Box with Divider Wall (page C2.26)
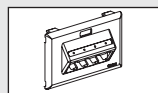
P UIT70FH4** – *ULTIMATE ID*® Sloped Horizontal Snap-On Faceplate
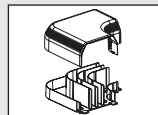
Q TGRA** – TG-70 Right Angle Fitting (page C2.25)
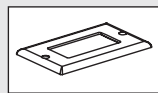
R CPG** – Single Gang Rectangular Power and Communication Faceplate (page C2.59)
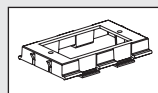
S T70DB-X – T-70 Device Bracket (page C2.26)
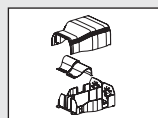
T TGEE** – TG-70 Entrance End Fitting (page C2.25)

TG-70 Configurations

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).	C2.60
E.	JBP2FS = *FAST-SNAP™* Double Gang Power Rated Surface Mount Outlet Box.	C2.52
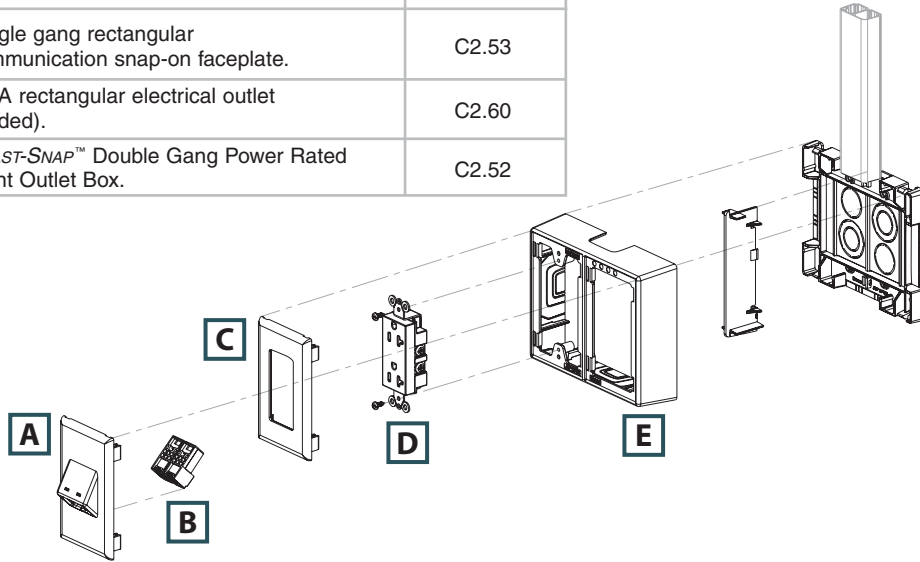
Exploded View 2

	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).	C2.60
C.	TG70HB3 = TG-70 3-sided hanging box.	C2.26
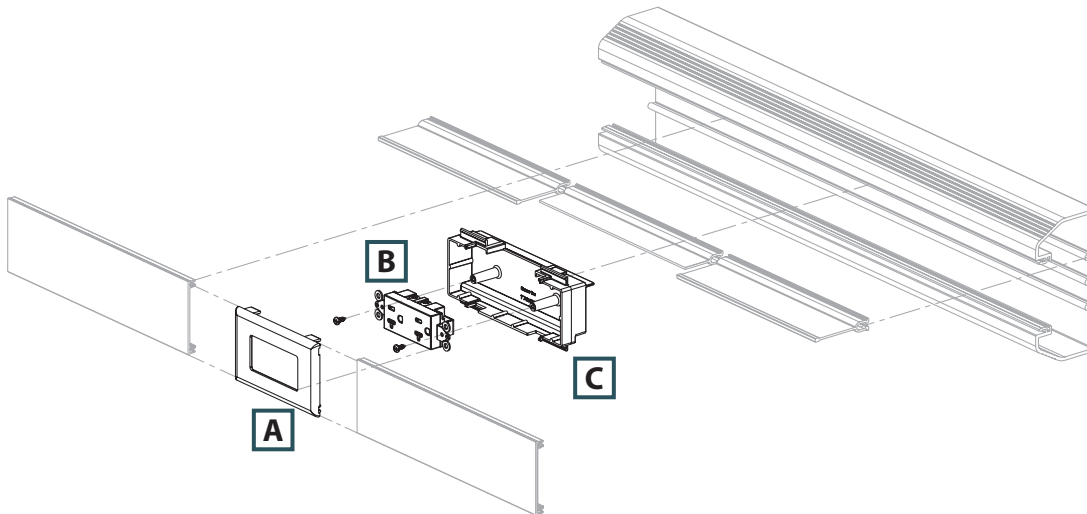
TG-70 Configurations (continued)

Exploded View 3

	Components Required	See page
A.	UIT70FH4 = ULTIMATE ID® Sloped Horizontal Snap-On Faceplate – 4-port.	—
B.	MINI-COM® Modules.	—
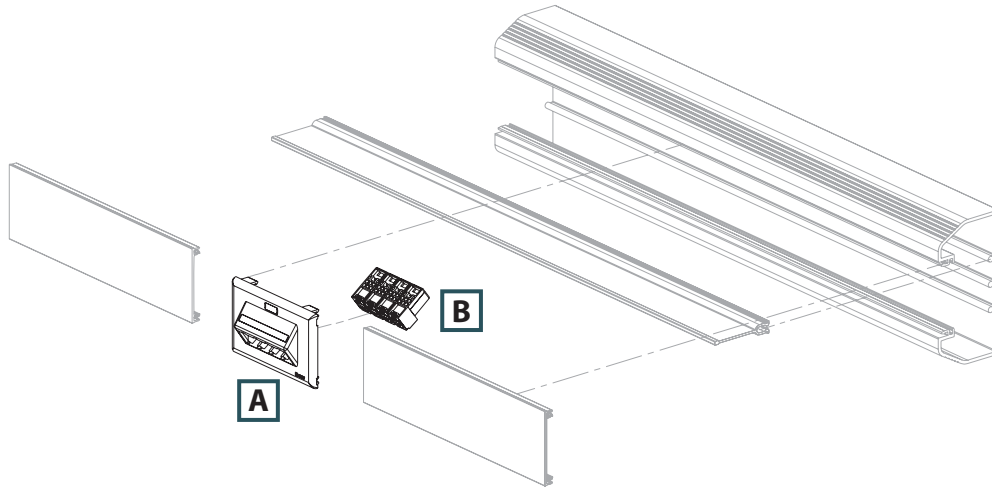
Exploded View 4

	Components Required	See page
A.	CPG = Single gang rectangular screw-on faceplate (screws included).	C2.59
B.	CFG4 = MINI-COM® Module Frame – 4-port.	—
C.	MINI-COM® Modules.	—
D.	T70DB-X = T70 device bracket.	C2.26
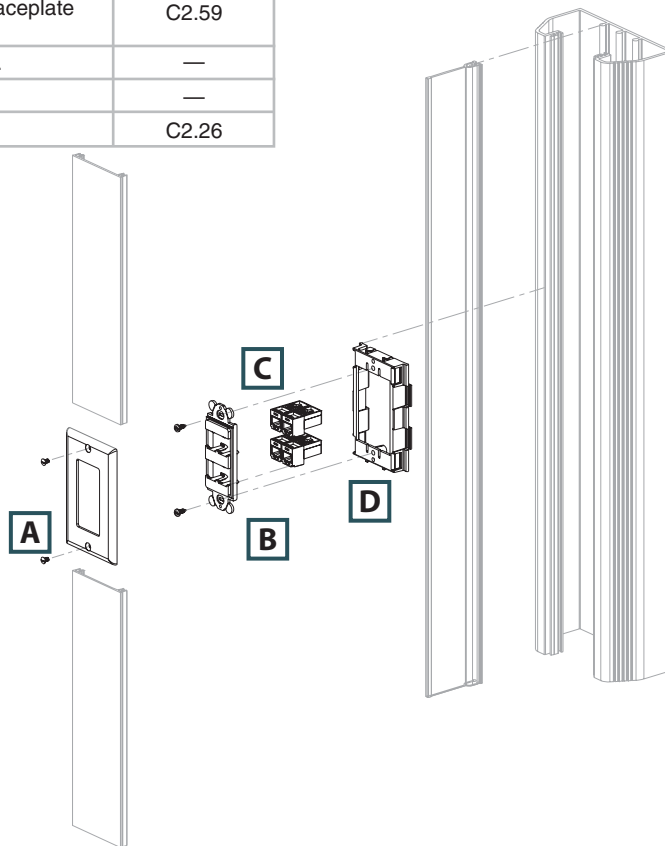
A. System Overview

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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PAN-WAY® TG-70 Surface Raceway System

- 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

2.68"

5.32"
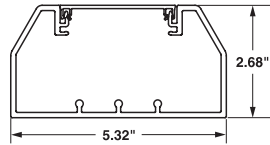
TG-70
Internal Area = 10.85 Sq. In.

TG70

T70C

TGDW

| Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
TG-70 Raceway Base and Cover — PACKAGED TOGETHER					
TG70IW8	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
TG70IW10				10	40
T-70/TG-70/Twin-70 Raceway Cover					
T70CIW8	T-70, TG-70, or Twin-70 raceway cover in 8' and 10' lengths.	—	Off White	8	96
T70CIW10				10	120
TG Raceway Divider Wall					
TGDW8	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
TGDW10				10	80

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

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 **TGOC**

TGSOC **TGT**

TGTD **TGEC**

TGEE **TGTR**

TGBF **TGBFI**

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70CCIW-X	Cover coupler fitting. Used to join sections of cover together.	Off White	10	100
TG70BCIW-X	Base coupler fitting. Each piece includes two base coupler halves for joining sections of TG-70 base together.	Off White	10	—
TGRAIW	Right angle fitting. Used to join sections of TG raceway at 90° flat junctions.	Off White	1	10
TGICIW	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	—
TGSICIW	Inside corner fitting – non-adjustable. Used to join sections of TG raceway at inside corners.	Off White	1	10
TGOCIW	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	—
TGSOCIW	Outside corner fitting – non-adjustable. Used to join sections of TG raceway at inside corners.	Off White	1	10
TGTIW	Tee fitting. Used to join sections of TG raceway at tee intersections.	Off White	1	5
TGTD	Tee divider insert. Mounts inside TGT tee fitting to maintain channel separation in TG raceway at tee intersections.	Gray	1	5
TGECIW	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
TGEEIW	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
TGTRIW	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
TGBFIW	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
TGBFI	Backfeed fitting insert. Removable and maintains bend radius control.	Off White	1	10

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

Sidebar index:
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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PAN-WAY® TG-70 Raceway Accessories

UL 5A LISTED   CSA®

• 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

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.
T70DB-X	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	—
T70SDB-X	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	—
TG70HB3-X	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	—
TG70HB3GFCI-X	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	—
TG70WR-X	Wire retainer. Holds wires in place during installation.	Gray	10	100
TGFSB	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.
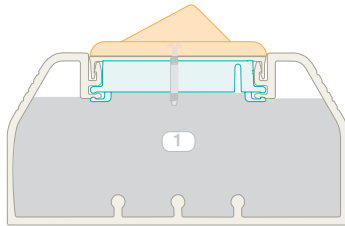
A = 10.09 in.²

Cable fill #1: With data only using screw-on faceplates and devices.
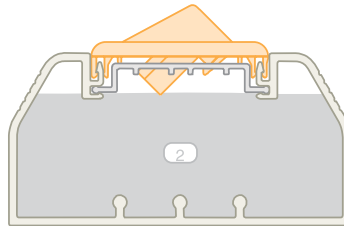
A = 10.68 in.²

Cable fill #2: With data only using snap-on faceplates and wire retainer.
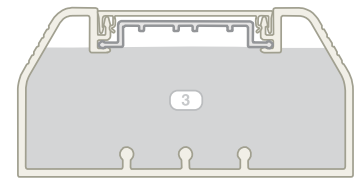
A = 10.85 in.²

Cable fill #3: With wire retainer.
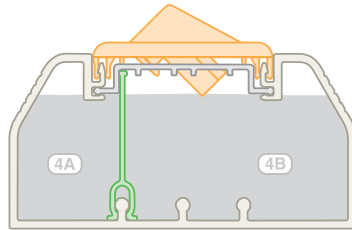
A = 3.16 in.²   A = 7.20 in.²

Cable fill #4: Divided (see 5A and 5B for power and data applications).
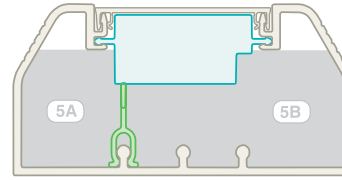
A = 3.08 in.²   A = 5.58 in.²

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

	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			Cat. 6		Cat. 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
			(UL Temp Rise Test)			(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).	7.2	—	—	—	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.

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

NOTES

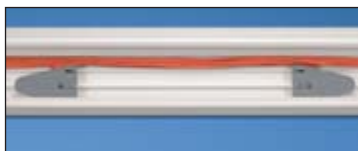## PAN-WAY® T-70 AND TWIN-70 NON-METALLIC SURFACE RACEWAY

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.

- **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**

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.

T-70 Raceway Roadmap

See exploded view 1 pg. C2.32

See exploded view 2 pg. C2.32

See exploded view 3 pg. C2.33

See exploded view 4 pg. C2.33

1 T70B**, T70C** – T-70 Base and Cover (page C2.36)
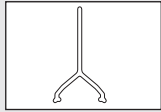
1 T70DW – T-70 Divider Wall (page C2.36)

2 LD2P10** – LD2P10 Raceway (page C2.75)
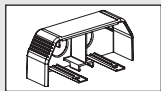
A T70EC** – T-70 End Cap Fitting (page C2.37)
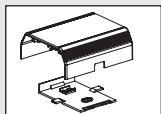
B T70TR** – T-70 Transition Fitting (page C2.37)
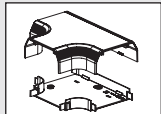
C T70T** – T-70 Tee Fitting
T70TD – T-70 Tee Divider (page C2.37)
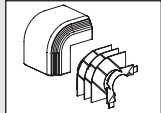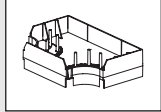
D T70OC** – T-70 Outside Corner Fitting (page C2.37)
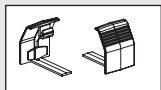
E T70BC** – T-70 Base Coupler Fitting (page C2.36)
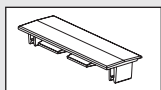
F T70CC** – T-70 Cover Coupler Fitting (page C2.36)
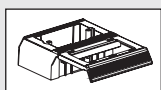
G T70WC2** – T-70 *WORKSTATION OUTLET CENTER*™ Offset Box for Snap-On Faceplates (page C2.37)
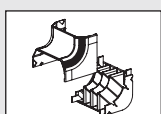
H T70IC** – T-70 Inside Corner Fitting (page C2.37)
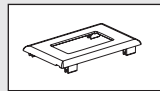
J T70PG** – Single Gang Rectangular Electrical/Communication Snap-On Faceplate (page C2.53)
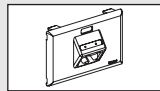
K UIT70FH2** – *ULTIMATE ID*® Sloped Horizontal Snap-On Faceplate
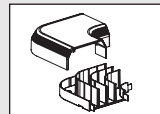
L T70RA** – T-70 Right Angle Fitting (page C2.36)

M T70EE** – T-70 Entrance End Fitting (page C2.37)
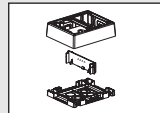
N JBP2FS** – *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box (page C2.52)
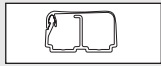
O T70FV2** – Vertical Sloped Communication Snap-On Faceplate (page C2.52)
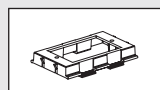
P T70DB-X – T-70 Device Bracket (page C2.40)
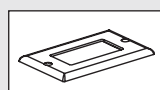
Q CPG** – Single Gang Rectangular Screw-On Faceplate (page C2.59)
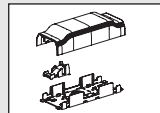
R T70BF** – T-70 Backfeed Fitting (page C2.37)
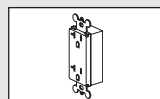
S ERU20** – 20 A Rectangular Electrical Outlet (page C2.60)
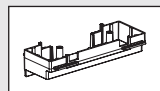
T T70HB3-X – 3-Sided Hanging Box (page C2.40)

T-70 Configurations

Exploded View 1

	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).	C2.60
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.	—
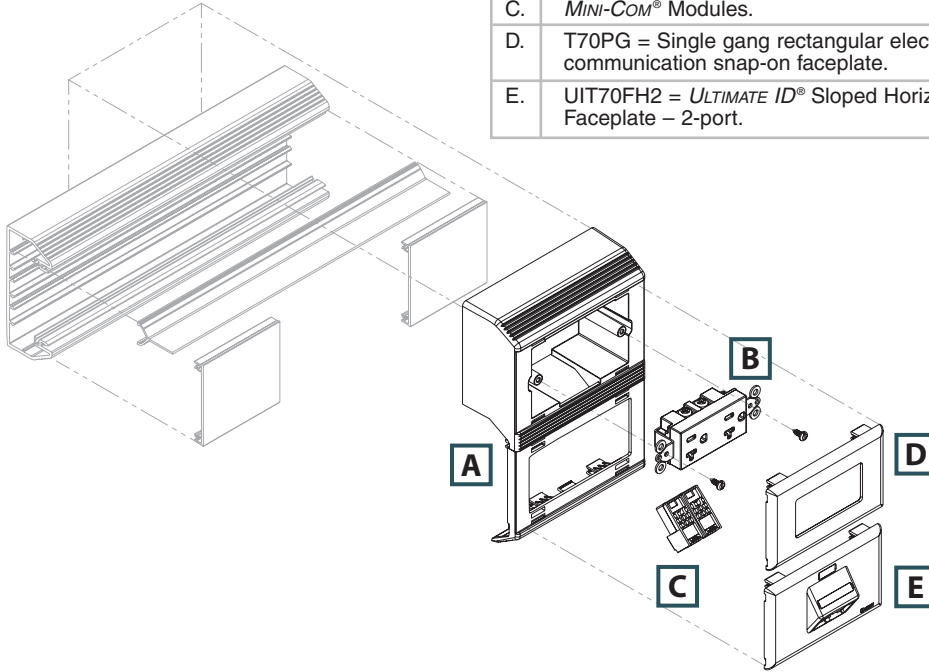
Exploded View 2

	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).	C2.60
C.	T70HB3-X = 3-Sided hanging box.	C2.40
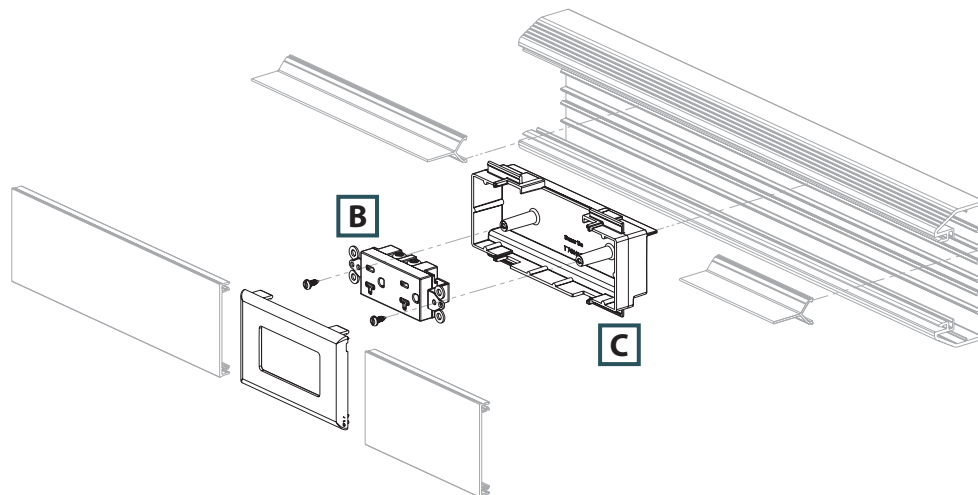
T-70 Configurations (continued)

Exploded View 3

	Components Required	See page
A.	UIT70FH2 = ULTIMATE ID® Sloped Horizontal Snap-On Faceplate – 2-port.	—
B.	MINI-COM® Modules.	—
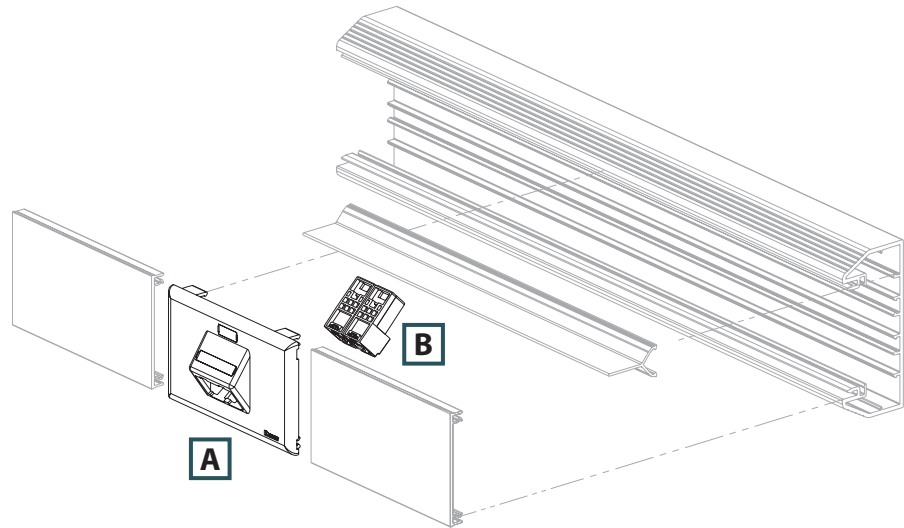
Exploded View 4

	Components Required	See page
A.	CPG = Single gang rectangular screw-on faceplates (screws included).	C2.59
B.	CFP4 = MINI-COM® Module Frame – 4-port.	—
C.	MINI-COM® Modules.	—
D.	T70DB-X = T-70 device bracket.	C2.40

Twin-70 Raceway Roadmap

1 T702B**, T70C** – T702 Raceway Base and Cover (page C2.38)
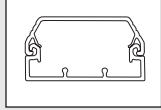
2 T45B**, T45C** – T-45 Raceway Base and Cover (page C2.48)
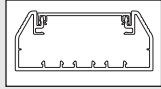
3 T70B**, T70C** – T-70 Raceway Base and Cover (page C2.36)
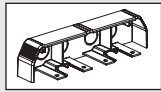
A T702EC** – Twin-70 End Cap Fitting (page C2.39)
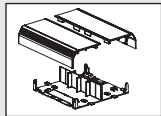
B T702TRL** – Twin-70 Transition Fitting (page C2.39)
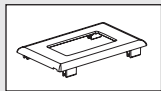
C T70PG** – Single Gang Rectangular Electrical/ Communication Snap-On Faceplate (page C2.53)

D T70FV2** – Vertical Sloped Communication Snap-On Faceplate (page C2.52)
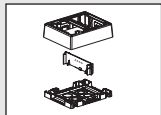
E JBP2FS** – *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box (page C2.52)
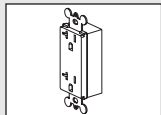
F ERU20** – 20 A Rectangular Electrical Outlet (page C2.60)
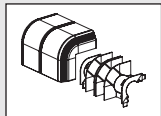
G T702OC** – Twin-70 Outside Corner Fitting (page C2.39)
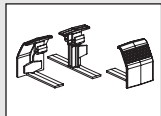
H T702BC** – Twin-70 Base Coupler Fitting (page C2.39)
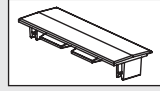
**J** T70CC** – T-70 Cover Coupler Fitting (page C2.39)
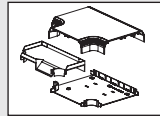
K T702T** – Twin-70 Tee Fitting (page C2.39)
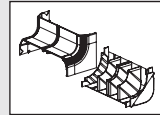
L T702IC** – Twin-70 Inside Corner Fitting (page C2.39)
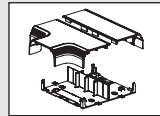
M T702TR** – Twin-70 Transition Fitting (page C2.39)
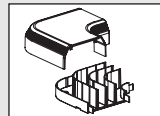
N T70RA** – T-70 Right Angle Fitting (page C2.39)
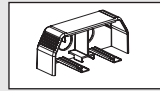
O T70EC** – T-70 End Cap Fitting (page C2.37)
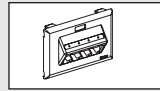
P UIT70FH4** – *ULTIMATE ID*® Sloped Horizontal Snap-On Faceplate
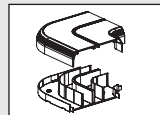
Q T702RA** – Twin-70 Right Angle Fitting (page C2.39)
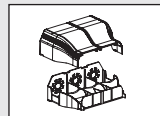
**R** T702EE** – Twin-70 Entrance End Fitting (page C2.39)
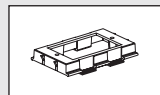
S T70DB-X** – T-70 Device Mounting Bracket (page C2.40)

PAN-WAY® T-70 Surface Raceway System

UL
5A LISTED   CSA®

- 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® Classic Series Snap-On Faceplates
- Transitions to PANDUIT T-45 and LD profile raceway
- Supplied with pre-punched mounting holes
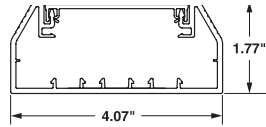
1.77"
4.07"
T-70
Internal Area = 5.15 Sq. In.

T70B

T70C
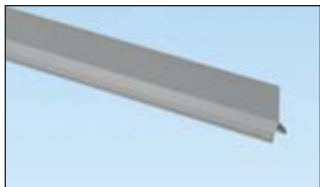
T70DW

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
T-70 Raceway Base					
T70BIW8	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
T70BIW10				10	60
T-70/TG-70/Twin-70 Raceway Cover					
T70CIW8	T-70, TG-70, or Twin-70 raceway cover in 8' and 10' lengths.	—	Off White	8	96
T70CIW10				10	120
T-70/Twin-70 Raceway Divider Wall					
T70DW8	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
T70DW10				10	120

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

UL
5A LISTED   CSA®

PAN-WAY® 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

T70CC   T70BC

T70RA   T70IC

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70CCIW-X	Cover coupler fitting. Used to join sections of cover together.	Off White	10	100
T70BCIW-X	Base coupler fitting. Used to join sections of T-70 raceway base together.	Off White	10	0
T70RAIW	Right angle fitting. Used to join sections of T-70 raceway at right angles.	Off White	1	10
T70ICIW	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), IG (International Gray), or WH (White).

PAN-WAY® T-70 Raceway Fittings (continued)

UL 5A LISTED CSA®

T70OC

T70T

T70TD

T70EC

T70EE

T70TR T70TRC

T70TRI

T70WM40TR

T70BF

T70BFI

T70WC

T70WC2

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70OCIW	Outside corner fitting. Used to join sections of T-70 raceway at outside corners.	Off White	1	10
T70TIW	Tee fitting. Used to join sections of T-70 raceway at tee intersections.	Off White	1	10
T70TD	T-70 tee fitting divider. Separates power and data within tee fitting. Replaces T70TDB, T70TDC, and T70TDT.	Gray	1	10
T70ECIW	End cap fitting. Used to terminate or allow entry to T-70 raceway with conduit breakouts of 1/2".	Off White	1	10
T70EEIW	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
T70TRIW	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
T70TRCIW	Transition fitting cover. Used to transition to any LD profile or T-45 raceway.	Off White	1	10
T70TRI	Divided insert for T-70 to LD2P10. Maintains channel separation within T70TR fitting.	Gray	1	10
T70WM40TRIW	WIREMOLD* 4000 to T-70 transition fitting. In-line transition fitting from WIREMOLD* 4000 to T-70 raceway.	Off White	1	10
T70BFIW	Backfeed fitting. Allows cable entry through the back of the T-70 raceway	Off White	1	10
T70BFI	Backfeed fitting insert. Bend radius insert to be used with T70BF.	Gray	1	10
T70WCIW	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
T70WC2IW	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), IG (International Gray), or WH (White).
*WIREMOLD is a registered trademark of the Wiremold Co.

PAN-WAY® Twin-70 Surface Raceway System

- 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

1.77"

7.23"

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

T702B

T70C

T70DW

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
Twin-70 Raceway Base					
T702BIW8	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
T702BIW10				10	30
T-70/TG-70/Twin-70 Raceway Cover					
T70CIW8	T-70, TG-70, or Twin-70 raceway cover in 8' and 10' lengths.	———	Off White	8	96
T70CIW10				10	120
T-70/Twin-70 Raceway Divider Wall					
T70DW8	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
T70DW10				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
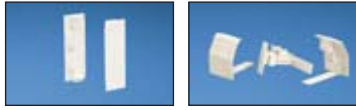
T70CC **T702BC**

T702RA **T702IC**

T702OC **T702T**

T702EC **T702EE**

T702TR **T702TRL**

T702TRI

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70CCIW-X	Cover coupler fitting. Used to join sections of cover together.	Off White	10	100
T702BCIW-X	Base coupler fitting. Used for joining sections of Twin-70 base together.	Off White	10	—
T702RAIW	Right angle fitting. Used to join sections of Twin-70 raceway at 90° flat junctions.	Off White	1	10
T702ICIW	Inside corner fitting. Used to join sections of Twin-70 raceway at inside corners.	Off White	1	10
T702OCIW	Outside corner fitting. Used to join sections of Twin-70 raceway at outside corners.	Off White	1	10
T702TIW	Tee fitting. Used to join sections of Twin-70 raceway at tee intersections.	Off White	1	5
T702ECIW	End cap fitting. Conduit breakouts of 1/2" for entry into raceway channel.	Off White	1	10
T702EEIW	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
T702TRIW	Transition fitting. Used to transition to T-70 raceway.	Off White	1	5
T702TRLIW	Transition fitting. Used to transition to any LD profile or T-45 raceway.	Off White	1	5
T702TRI	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.

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
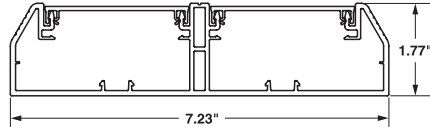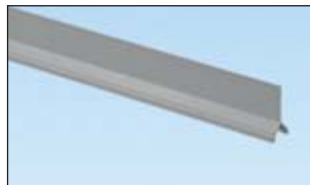
E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

PAN-WAY® T-70 and Twin-70 Raceway Accessories

• 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

T70DB-X   **T70SDB-X**

T70HB-X   **T70HB3-X**

T70HB3GFCI-X   **T70WR-X**

T70S-X

T70FSB

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
T70DB-X	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	—
T70SDB-X	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	—
T70HB-X	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	—
T70HB3-X	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	—
T70HB3GFCI-X	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	—
T70WR-X	Wire retainer. Holds wires in place during installation.	Gray	10	100
T70S-X	Spacer plate. Used to mount the CBX4 surface mount box onto the T70DB-X or T70HB-X/T70HB3-X.	—	10	—
T70FSB	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.
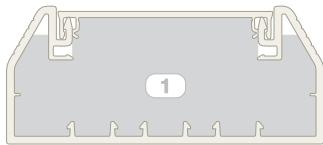
A = 5.15 in.²

Cable fill #1: Raceway with no devices.
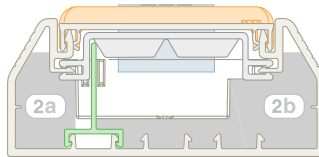
A = .86 in.²   A = 1.72 in.²

Cable fill #2: Power and data using 3-sided hanging box and device bracket.
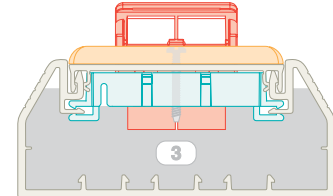
A = 3.67 in.²

Cable fill #3: Data only using vertical sloped screw-on communication faceplates.
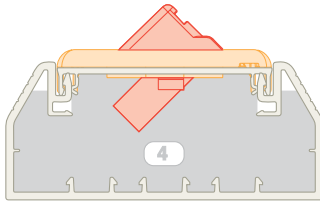
A = 4.71 in.²

Cable fill #4: Data only using horizontal sloped snap-on communication faceplates.
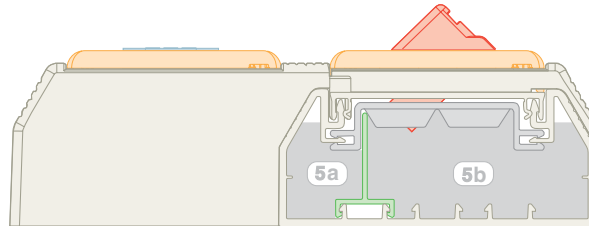
A = .91 in.²   A = 3.12 in.²

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.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			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%)
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.

Cable Fill Capacities for Twin-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.
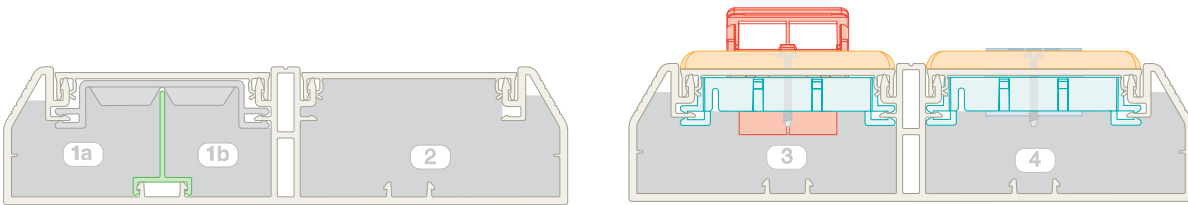
A = 2.05 in.²   **A = 1.43 in.²**   **A = 4.59 in.²**   **A = 3.11 in.²**   **A = 3.32 in.²**

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.
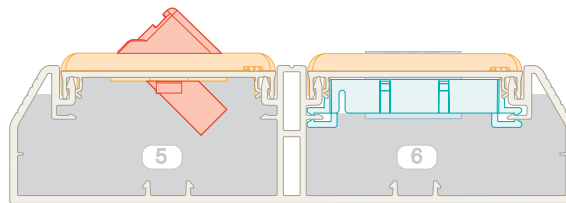
A = 4.14 in.²   **A = 2.33 in.²**

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.

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.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			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%)
1a.	Twin-70: Power and data, no terminations.	2.05	—	—	—	16	25	9	14	13	20	34	51
1b.		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.

T-45 Raceway Roadmap

See exploded view 4 pg. C2.47

See exploded view 2 pg. C2.46

See exploded view 3 pg. C2.47

See exploded view 1 pg. C2.46

1 T45B**, T45C** – T-45 Raceway (page C2.48)
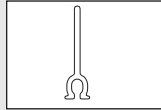
1 T45DW** – T-45 Divider Wall (page C2.48)
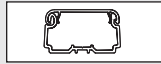
2 LDPH10** – LDPH Raceway (page C2.77)

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

B T45T** and T45TD – T-45 Tee Fitting and Divider (page C2.49)
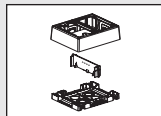
C JBP2FS** – *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box (page C2.52)
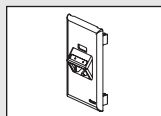
D UIT70FV2** – *ULTIMATE ID*® Sloped Vertical Snap-On Faceplate
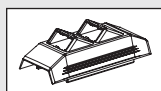
E T45HDB** – T-45 Snap-On Hinged Data Bracket (page C2.49)
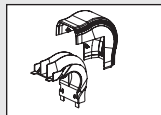
F T45OC** – T-45 Outside Corner Fitting (page C2.49)
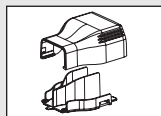
G T45RLD** – T-45 Reducer Fitting (page C2.49)
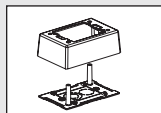
H JBP1** – Power Rated Single Gang Two-Piece Box (page C2.58)
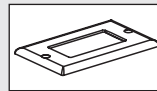
J CPG** – Single Gang Rectangular Electrical/Communication Screw-On Faceplate (page C2.59)
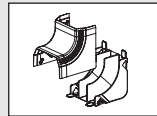
K T45IC** – T-45 Inside Corner Fitting (page C2.49)
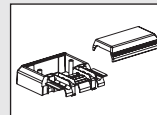
L T45WC** – T-45 Offset Box for Screw-On Faceplates/Receptacles (page C2.49)
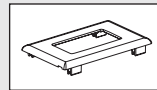
M T70PG** – Single Gang Rectangular Electrical/Communication Snap-On Faceplate (page C2.53)
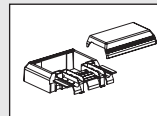
N T45WC2** – T-45 Offset Box for Snap-On Faceplates (page C2.49)
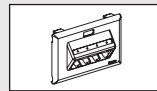
O UIT70FH4** – *ULTIMATE ID*® Sloped Horizontal Snap-On Faceplate
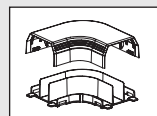
P T45RA** – T-45 Right Angle Fitting (page C2.49)
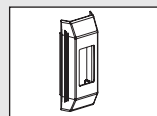
Q T45HEGB** – T-45 Electrical Bracket (page C2.49)
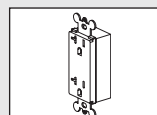
R ERU20** – 20 A Rectangular Electrical Outlet (page C2.60)
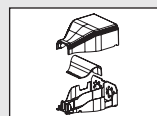
S T45EE** – T-45 Entrance End Fitting (page C2.49)

T-45 Configurations

Exploded View 1

	Components Required	See page
A.	T45HDB = T-45 snap-on hinged data bracket.	C2.51
B.	MINI-COM® Modules.	—
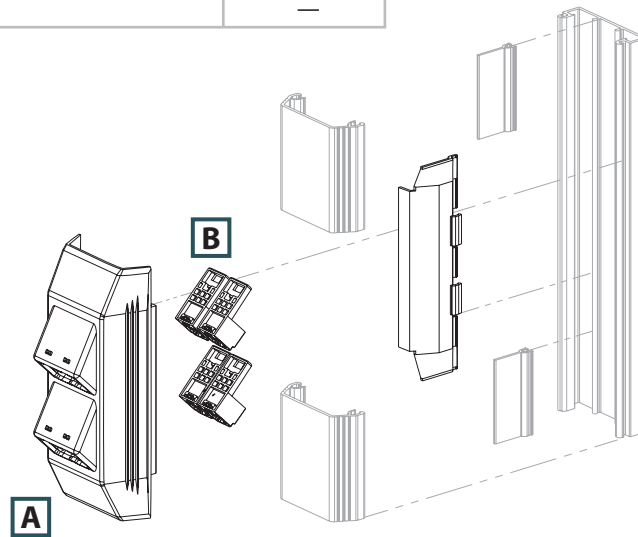
Exploded View 2

	Components Required	See page
A.	T70PG = Single gang rectangular electrical/communication snap-on faceplate.	C2.55
B.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.62
C.	T45WC = T-45 offset box for screw-on faceplates/receptacles.	C2.51
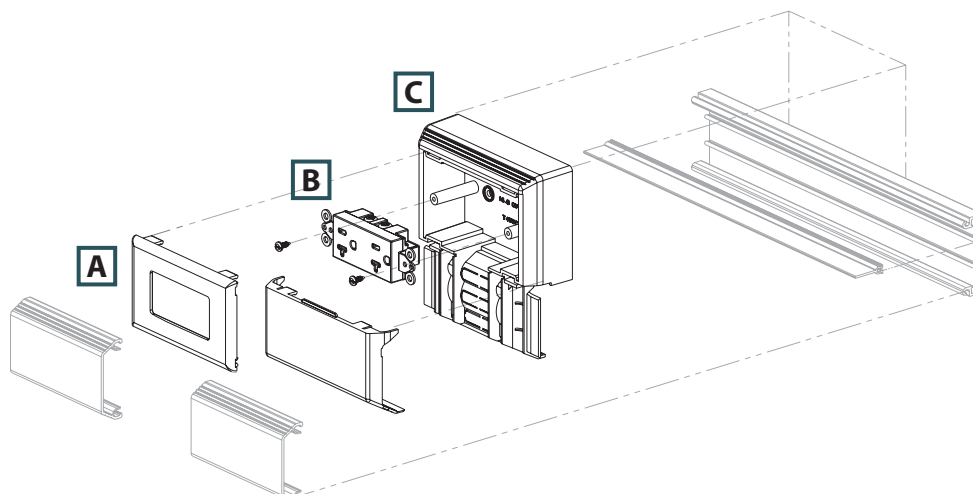
T-45 Configurations (continued)

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
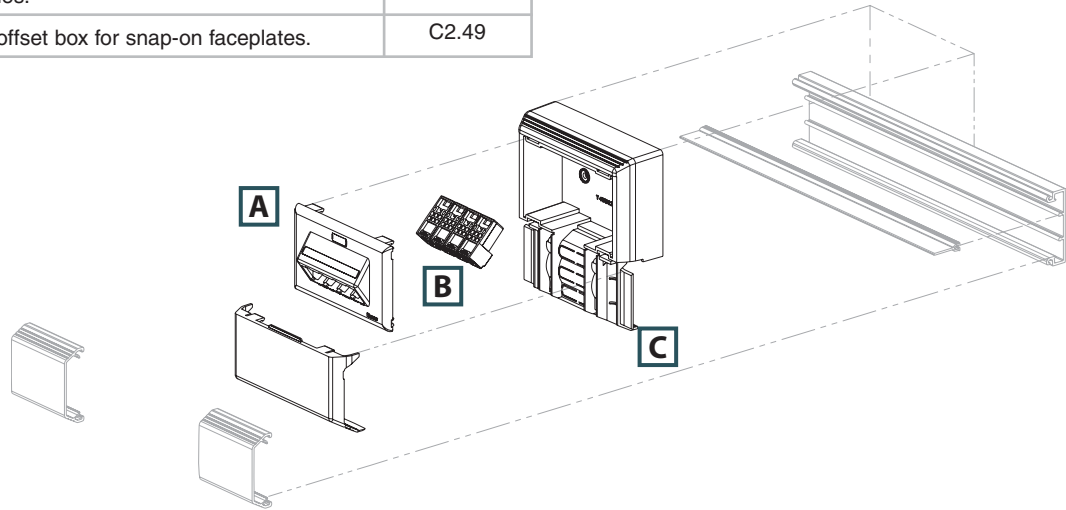
Exploded View 4

	Components Required	See page
A.	T45HEGB = T-45 electrical bracket for rectangular outlet.	C2.59
B.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.60
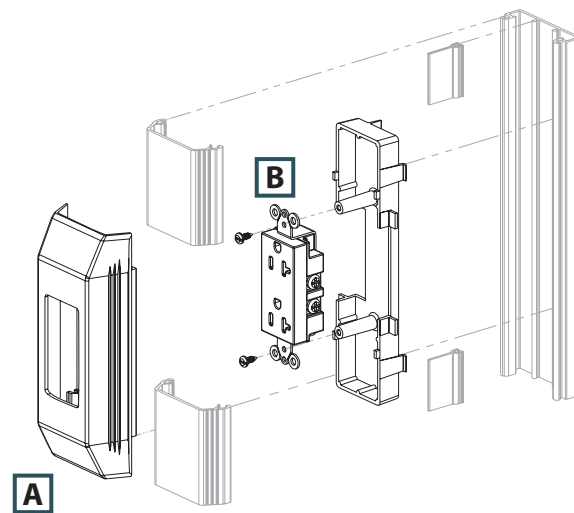
PAN-WAY® T-45 Surface Raceway System

- 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
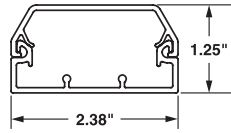
1.25"
2.38"
T-45
Internal Area = 2.12 Sq. In.

T45B

T45C

T45DW

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
T-45 Raceway Base with Adhesive					
T45BIW8-A	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
T45BIW10-A		2.38" x 1.25" (60.3mm x 32.0mm)		10	200
T-45 Raceway Base without Adhesive					
T45BIW8	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
T45BIW10				10	200
T-45 Raceway Cover					
T45CIW8	T-45 raceway cover in 8' and 10' lengths. Can be hinged open on either side of T-45 base.	—	Off White	8	160
T45CIW10				10	200
T-45 Raceway Divider Wall					
T45DW8	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	160
T45DW10				10	200

‡For other colors replace IW (Off White) with EI (Electric Ivory).
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**
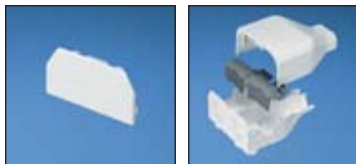
T45EC **T45EE**

T45RLD **T45TRI**
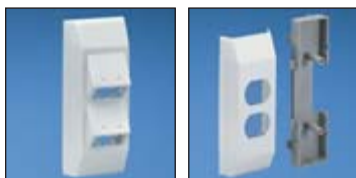
T45HDB **T45HEB**
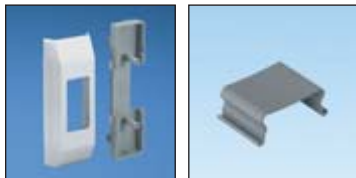
T45HEGB **T45WR-X**

T45WC **T45WC2**

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T45CCIW-X	Cover coupler fitting. Used to join two pieces of T-45 cover together.	Off White	10	100
T45RAIW	Right angle fitting. Used to join sections of T-45 raceway at 90° flat junction.	Off White	1	10
T45ICIW	Inside corner fitting. Used to join T-45 raceway at inside corner.	Off White	1	10
T45OCIW	Outside corner fitting. Used to join T-45 raceway at 90° outside corner.	Off White	1	10
T45TIW	Tee fitting. Used to join T-45 raceway at tee intersections.	Off White	1	10
T45TD	Divided insert. Used to separate power and data within the T45T.	Gray	1	10
T45ECIW	End cap fitting. Used to terminate T-45 raceway.	Off White	1	10
T45EEIW	Entrance end fitting. With knockouts for 1/2", 3/4", 1" and 11/4" conduit which allows entry from ceiling or wall.	Off White	1	10
T45RLDIW	Reducer fitting. Reduces from T-45 to LD10 profile raceway.	Off White	1	10
T45TRI	Provides bend radius control at transition from T-70 to T-45 when used with T70TR.	Gray	1	10
T45HDBIW	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
T45HEBIW	Electrical bracket and box. Used for mounting standard duplex electrical outlets.	Off White	1	10
T45HEGBIW	Electrical bracket and box. Used for mounting standard rectangular style electrical outlets.	Off White	1	10
T45WR-X	Wire retainers. Used to hold wires in place during installation.	Gray	10	100
T45WCIW	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
T45WC2IW	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). T45TD, T45TRI, and T45WR-X available in Gray only.

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.

A = 2.13 in.²

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

A = 1.72 in.²

Cable fill #2: T-45 with wire retainer.
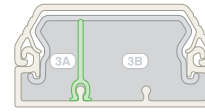
A = .44 in.²   **B = 1.20 in.²**

Cable fill #3: Power and data using a wire retainer and divider wall.
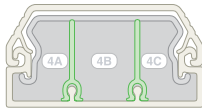
A = .44 in.²   **B = .68 in.²**   **C = .44 in.²**

Cable fill #4: Power and data using a wire retainer and divider walls.
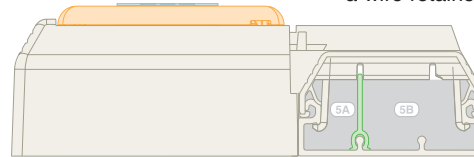
A = .41 in.²   **B = 1.06 in.²**

Cable fill #5: Power and data using the offset box.
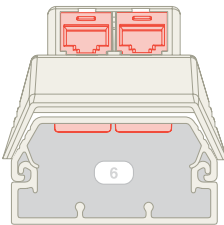
A = 2.00 in.²

Cable fill #6: Data only using hinged data bracket.
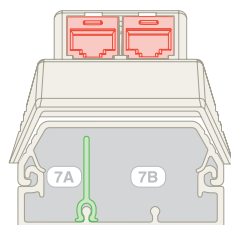
A = .52 in.²   **B = 1.2 in.²**

Cable fill #7: Power and data using hinged data bracket with divider insert.
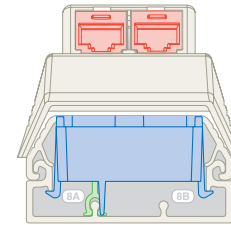
A = .22 in.²   **B = .5 in.²**

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

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.

		Fill Area (In.²)	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	
	Raceway Type and Configuration		MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
			(UL Temp Rise Test)			(40%)	(60%)	(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 (2 channels).	0.44	12	11	8	—	—	—	—	—	—	—	—
3B.		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.		1.2	—	—	—	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.		0.5	—	—	—	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.

PAN-WAY® FAST-SNAP™ Surface Mount Outlet Boxes

- 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

JB1FS**-A

JBP2FS**

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
JB1FSIW-A	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
JBP2FSIW	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.

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

T70FH2 **T70FH4**

T70FV2 **T70FV4**

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70FH2IW	Snap-on horizontal sloped communication faceplate. Accepts two PANDUIT® MINI-COM® Modules (not included). No additional mounting hardware required.	Off White	1	10
T70FH4IW	Snap-on horizontal sloped communication faceplate. Accepts four PANDUIT® MINI-COM® Modules (not included). No additional mounting hardware required.	Off White	1	10
T70FV2IW	Snap-on vertical sloped communication faceplate. Accepts two PANDUIT® MINI-COM® Modules (not included). No additional mounting hardware required.	Off White	1	10
T70FV4IW	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.
T70BH1IW	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
T70BH2IW	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
T70B1IW	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
T70B2IW	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.
T70PIW	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
T70PGIW	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
T70PSIW	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
T70PGSIW	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
T70PNIW	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.

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.
NK2HSRFIW	Snap-on 2-position sloped horizontal faceplate accepts any *PANDUIT® NETKEY®* Module. Compatible with *PANDUIT® FAST-SNAP™* Outlet Boxes, Surface Raceway Systems, and *PAN-POLE™* Outlet Poles.	Off White	1	10
NK4HSRFIW	Snap-on 4-position sloped horizontal faceplate accepts any *PANDUIT® NETKEY®* Module. Compatible with *PANDUIT® FAST-SNAP™* Outlet Boxes, Surface Raceway Systems, and *PAN-POLE™* Outlet Poles.	Off White	1	10
NK4VSRFIW	Snap-on 4-position sloped vertical faceplate accepts any *PANDUIT® NETKEY®* Module. 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.

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.
T70KW2IW	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
T70KW4IW	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	
NK4VSRFIW	2-C125X030FJJ	2-C125X030FJC	T031X000FJC-BK
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.
T70L2IW	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
T70L4IW	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
T70LV2IW	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
T70LV4IW	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

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
T70L2IW T70LV2IW	C125X030FJJ	C125X030FJC	T031X000FJC-BK
T70LV4IW	2-C125X030FJJ	2-C125X030FJC	
T70L4IW	C261X030FJJ	C125X030FJC	

*SYSTIMAX is a registered trademark of Commscope, Inc.

PAN-WAY® Snap-On Faceplates for Nordx/CDT* Communication Modules

SA LISTED

• 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
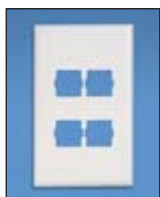
T70N2

T70N4

T70NV2

T70NV4

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70N2IW	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
T70N4IW	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
T70NV2IW	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
T70NV4IW	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.

PAN-WAY® Low Voltage Surface Mount Outlet Boxes

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

JBX3510-A**

JB1-A**

JB1D-A**

JBP2

JBP2D

RJBX3510

JBA-X

JB1FS-A**

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
JBX3510IW-A	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
JB1IW-A	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
JB1DIW-A	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
JBP2IW	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
JBP2DIW	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
RJBX3510IW	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
JBA-X	In-wall box adapter. Adapts single gang surface mount outlet boxes to in-wall conduit boxes.	—	10	100
JB1FSIW-A	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).

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

PAN-WAY® Power Rated 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

JBP1 JBP2

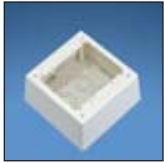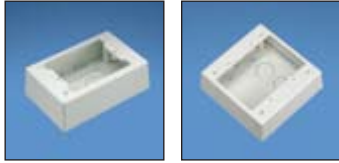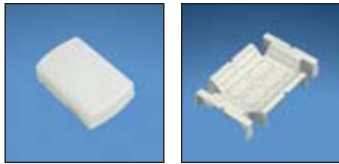JBP1D JBP2D

JBP1E JBP1I

PSJBX JBD1

JBP2S JBD2

JBP2FS JBP1MR20

JBP1MD20 RJBX3510

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
JBP1IW	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
JBP2IW	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
JBP1DIW	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
JBP2DIW	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
JBP1EIW	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
JBP1IIW	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
PSJBXIW	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
JBD1	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
JBP2SIW	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
JBD2	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
JBP2FSIW	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
JBP1MR20IW	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
JBP1MD20IW	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
RJBX3510IW	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

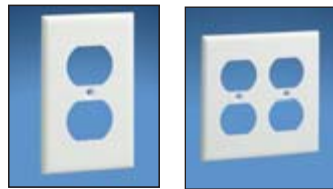‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

PAN-WAY® Classic Series Faceplates for Power and Communication Applications

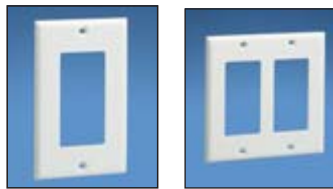• For use with JBP2S or JBP2D outlet boxes
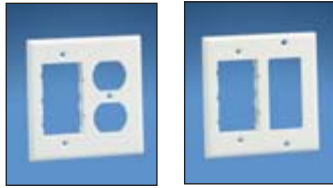
FP2DC **FP2RC**

CP106 **CP106**-2G**

CPG **CPG**-2G**

CPN **CPN**-2G**

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
FP2DCIW	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
FP2RCIW	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
CP106IW	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
CP106IW-2G	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
CPGIW	Screw-on single gang rectangular faceplate. Covers one NEMA standard rectangular electrical outlet or one standard rectangular communication module frame.	Off White	1	10
CPGIW-2G	Screw-on double gang rectangular faceplate. Covers two NEMA standard rectangular electrical outlets or two standard rectangular communication module frames.	Off White	1	10
CPNIW	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
CPNIW-2G	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

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
CPGIW T70PGS	C125X030FJJ	C125X030YPT	C125X030FJC	T031X000FJC-BK
CPGIW-2G FP2RC	2-C125X030FJJ	2-C125X030YPT	2-C125X030FJC	T031X000FJC-BK
T70PG	C261X030FJJ	T031X000FJT	C261X030FJC	T031X000FJC-BK

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.
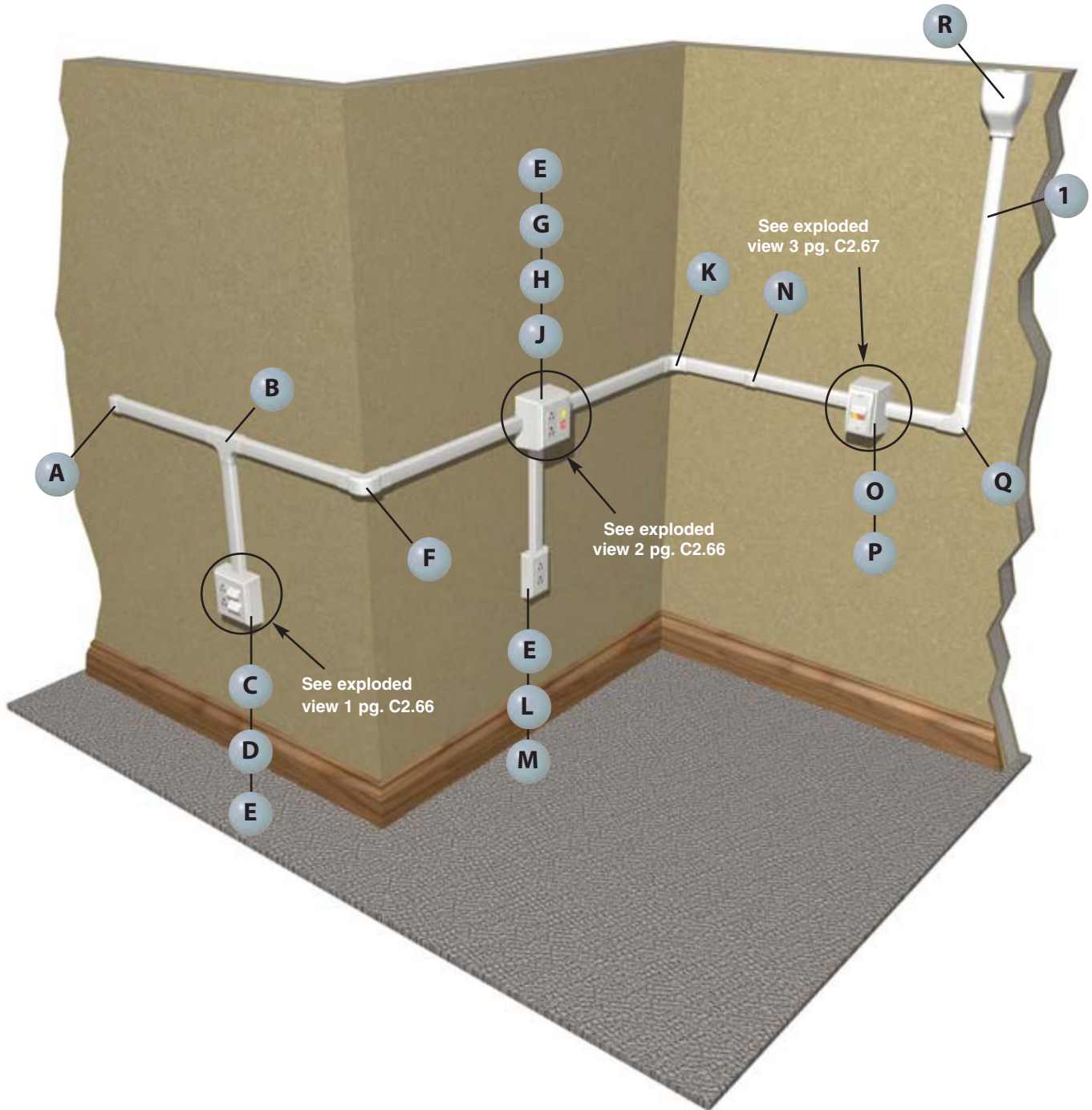Pre-Printed & Write-On Markers

E4.
Permanent Identification

E5.
Lockout/ Tagout & Safety Solutions

F.
Index

PAN-WAY® Stainless Steel Faceplates

WPS-20   **WPS-202**

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
WPS-20	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
WPS-202	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.

PAN-WAY® Electrical Outlets

• Electrical outlets are standard electrical devices that fit into PAN-WAY® Outlet Boxes or any NEMA standard outlet boxes
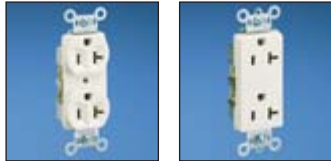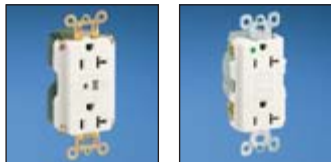
EDU20   **ERU20**

ETU20   **EGU20**

Part Number	Part Description	Color‡	Std. Pkg. Qty.
EDU20IW-X	20 A specification grade 106 duplex outlet.	Off White	10
ERU20IW-X	20 A specification grade rectangular outlet.	Off White	10
ETU20IW-X	20 A specification grade TVSS rectangular outlet (transient voltage surge suppressor).	Off White	10
EGU20IW-X	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.

PAN-WAY® Surface Mount Outlet Box with 20 A Electrical Outlet

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

JBP1MR20

JBP1MD20

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
JBP1MR20IW	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
JBP1MD20IW	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).

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
Type LD (Low Voltage, or Fiber Optic ONLY)									
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
Type LDPH (Power, Low Voltage, or Fiber Optic)									
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
Type LDS (Power, Low Voltage, or Fiber Optic)									
LDS3	Y	Y	Y	Y	Y	Y	Y	Y	Y
LDS5	Y	Y	Y	Y	Y	Y	Y	Y	Y
Type LD2P10 (Power, Low Voltage, or Fiber Optic)									
LD2P10	N	N	N	Y w/JBD1	N	N	Y	N	N
Type T-45 (Power, Low Voltage, or Fiber Optic)									
T-45	Y (JB1FS and JBX3510)	N	N	Y	N	N	Y	N	N

NOTES

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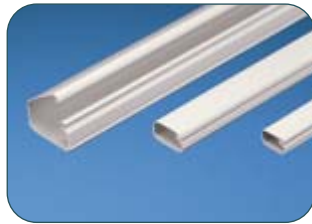
- **LD2P10 features one-piece multi-channel design for both power and data applications**
- **LDPH is a tamper resistant two-piece latching surface raceway supplied with pre-applied adhesive backed tape**
- **LD features one-piece single channel design for data routing**
- **LDS features one-piece single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

LD2P10 Profile Raceway Roadmap

See exploded
view 3 pg. C2.67

See exploded
view 2 pg. C2.66

See exploded
view 1 pg. C2.66

PANDUIT® ELECTRICAL SOLUTIONS

1 LD2P10 – Raceway (page C2.75)

A ECFX10** – Power Rated End Cap Fitting (page C2.75)
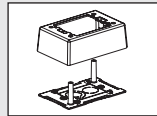
B TFXD10** – 1 Inch Bend Radius Tee Fitting (page C2.75)

C JBP2S** – Power Rated Double Gang Three-Piece Divided Box (page C2.58)

D FP2RC** – Double Gang Rectangular Electrical and Two Communication Insert Faceplate (page C2.59)
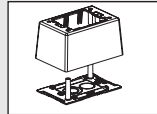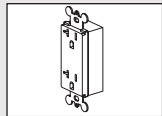
E ERU20** – 20 A Rectangular Electrical Outlet (page C2.60)
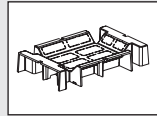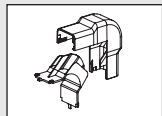
F OCFX10** – 1 Inch Bend Radius Outside Corner Fitting (page C2.75)
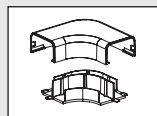
G JBP2D** – Power Rated Double Gang Two-Piece Deep Box (page C2.58)

H JBD2 – Double Gang Pass Through and Divider for LD2P10 Raceway (page C2.58)

J CPG**-2G – Double Gang Rectangular Screw-On Faceplate (page C2.59)

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

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

M CPG** – Single Gang Rectangular Screw-On Faceplate (page C2.59)

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

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

P JBD1 – Single Gang Pass Through Divider for LD2P10 Raceway (page C2.58)

Q RAFX10** – Power Rated Right Angle Fitting (page C2.75)
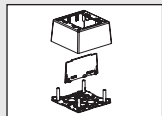
R EEFX** – Power Rated/1 Inch Bend Radius Entrance End Fitting (page C2.75)

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

LD2P10 Configurations

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).	C2.61
C.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.62
D.	JBP2S = Power rated double gang three-piece divided box (screws included).	C2.60
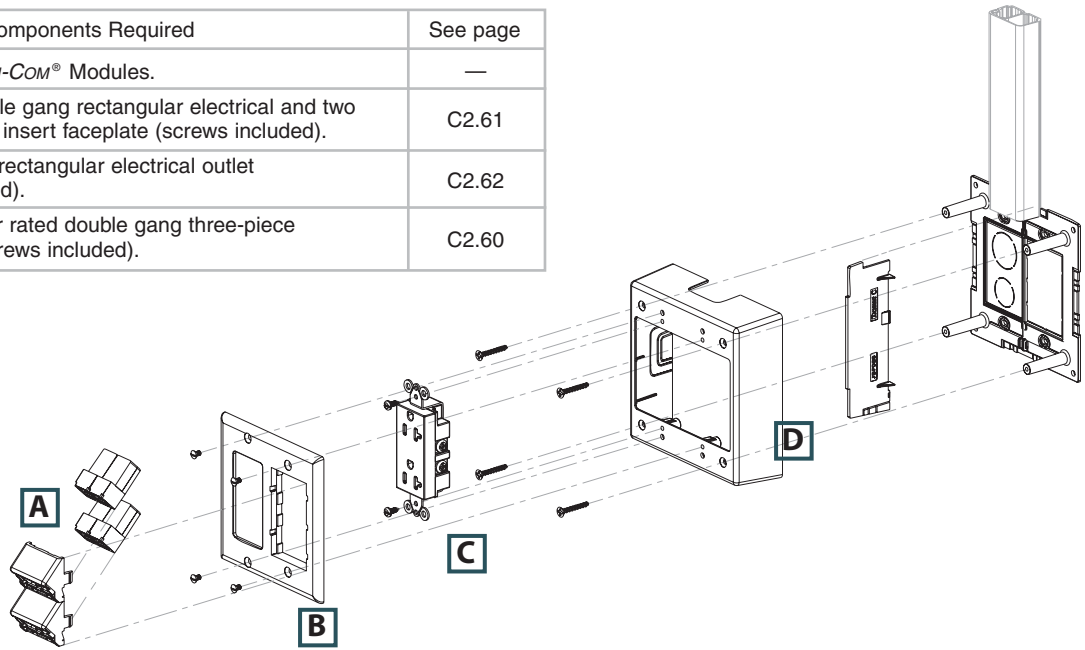
Exploded View 2

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

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.	C2.58

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
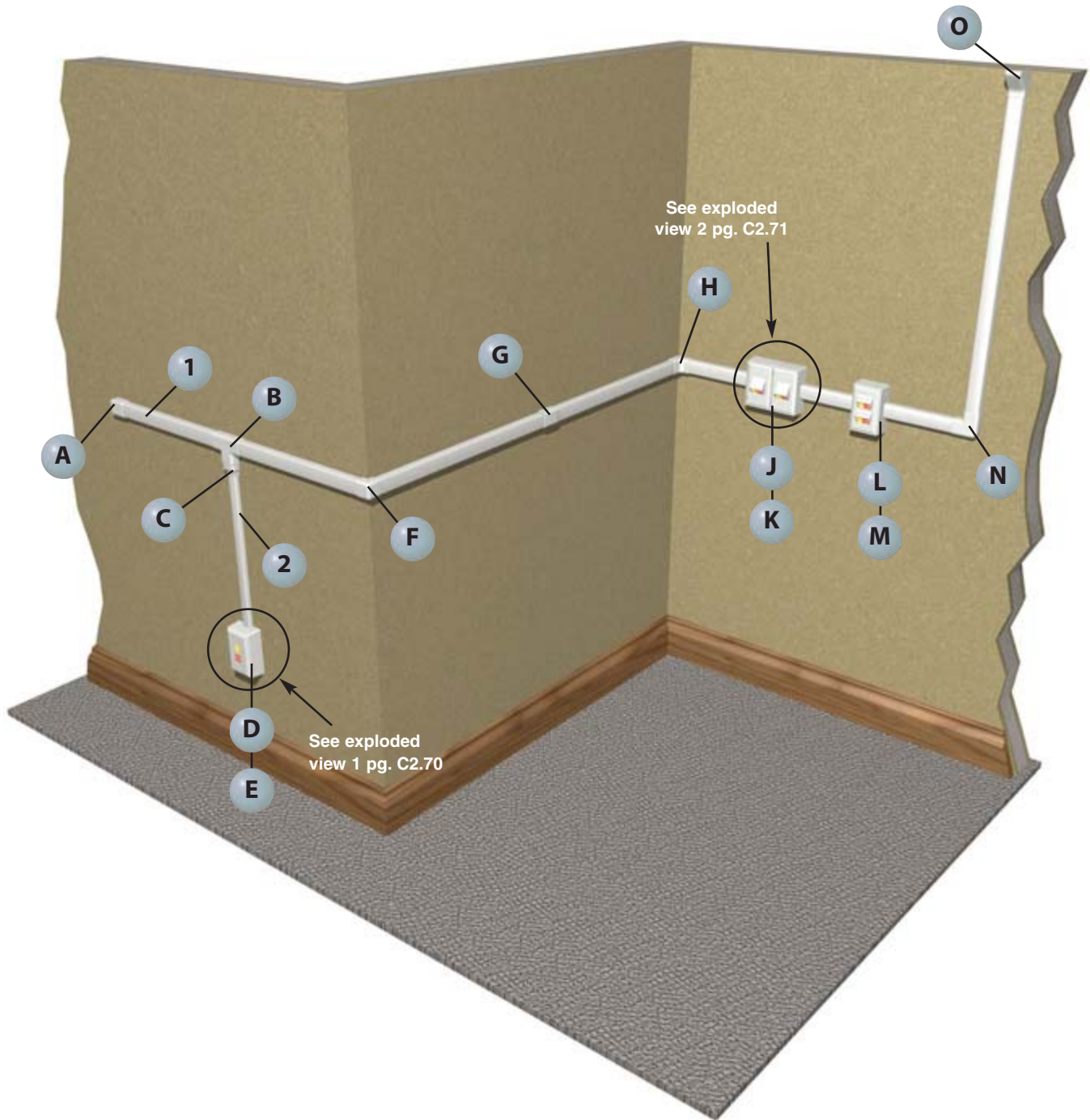Connectors

D3.
Grounding
Connectors
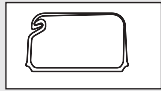
E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
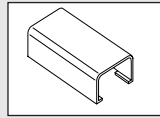Markers

E4.
Permanent
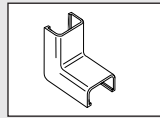Identification

E5.
Lockout/
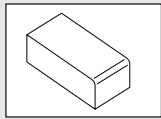Tagout
& Safety
Solutions

F.
Index

LD Profile Raceway Roadmap

See exploded view 2 pg. C2.71

See exploded view 1 pg. C2.70

1 LD10 – Raceway (page C2.76)

2 LD5 – Raceway (page C2.76)

A ECF10** – End Cap Fitting (page C2.79)
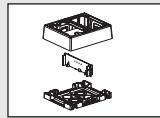
B TF10** – Tee Fitting (page C2.79)

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

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

E CPG** – Single Gang Rectangular Screw-On Faceplate (page C2.59)

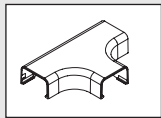**F** OCF10** – Outside Corner Fitting (page C2.79)
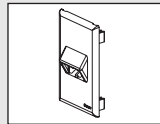
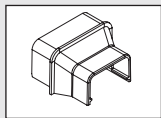**G** CF10** – Coupler Fitting (page C2.79)

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

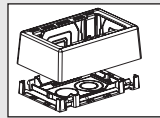**J** JBP2FS** – *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box (page C2.52)

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

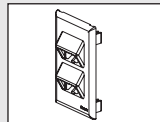**L** JB1FS** – *FAST-SNAP*™ Single Gang Surface Mount Outlet Box (page C2.52)

M T70FV4** – Snap-On Vertical Sloped Communication Faceplate (page C2.52)
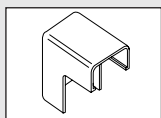
N RAF10** – Right Angle Fitting (page C2.79)

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

LD Configurations

Exploded View 1

	Components Required	See page
A.	CPG = Single gang rectangular screw-on faceplate (screws included).	C2.59
B.	CFG2 = MINI-COM ® Module Frame – 2-port.	—
C.	MINI-COM ® Modules.	—
D.	JBX3510 = Single gang two-piece snap together box.	C2.57
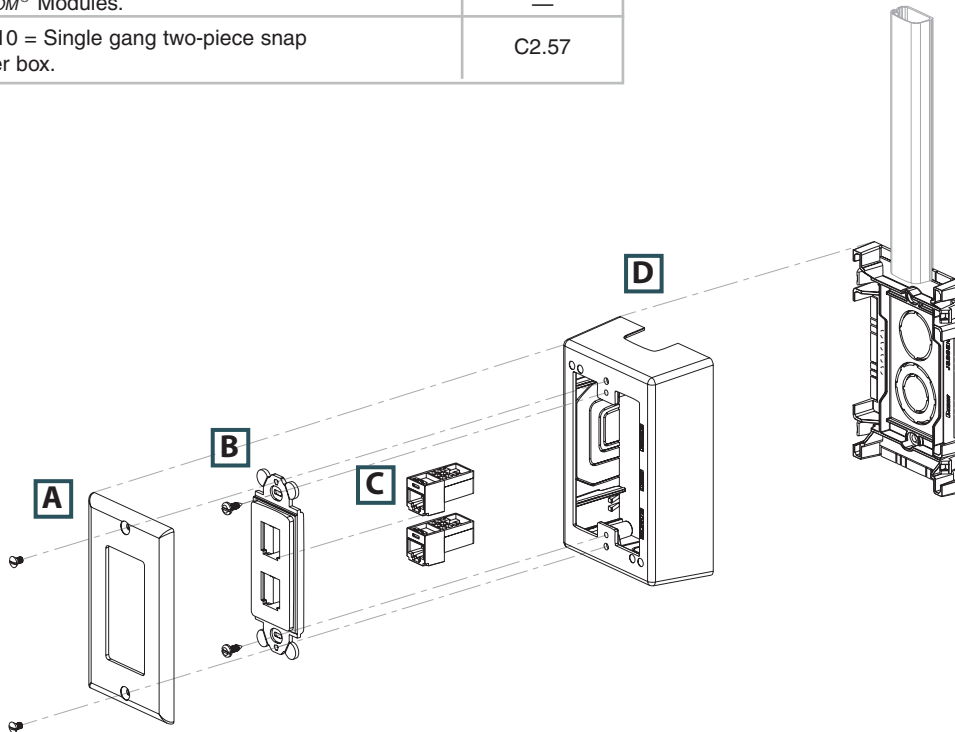
LD Configurations (continued)

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

LDPH Profile Raceway Roadmap

See exploded view 2 pg. C2.74

See exploded view 1 pg. C2.74

1 LDPH10 – Raceway (page C2.77)

2 LDPH5 – Raceway (page C2.77)

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

B TFX10** – Power Rated/1 Inch Bend Radius Tee Fitting (page C2.80)

C RFX105** – Power Rated/1 Inch Bend Radius Reducer Fitting (page C2.80)
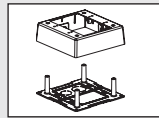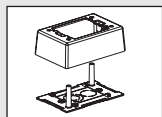
D JBP1** – Power Rated Single Gang Two-Piece Box (page C2.58)

E CPG** – Single Gang Rectangular Screw-On Faceplate (page C2.59)

F ERU20** – 20 A Rectangular Electrical Outlet (page C2.60)

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

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

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

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

L JBP2** – Power Rated Double Gang Two-Piece Box (page C2.57)
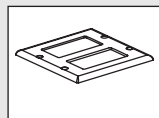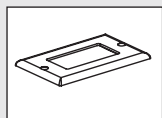
M CPG**-2G – Double Gang Rectangular Screw-On Faceplates (page C2.59)
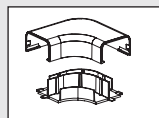
N RAFX10** – Power Rated Right Angle Fitting (page C2.81)
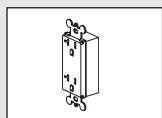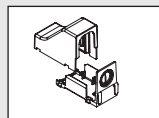
O DCEFX** – Power Rated/1 Inch Bend Radius Drop Ceiling Entrance End Fitting (page C2.80)

LDPH Configurations

Exploded View 1

	Components Required	See page
A.	CPG = Single gang rectangular screw-on faceplate (screws included).	C2.59
B.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.60
C.	JBP1 = Power rated single gang two-piece box (screws included).	C2.58
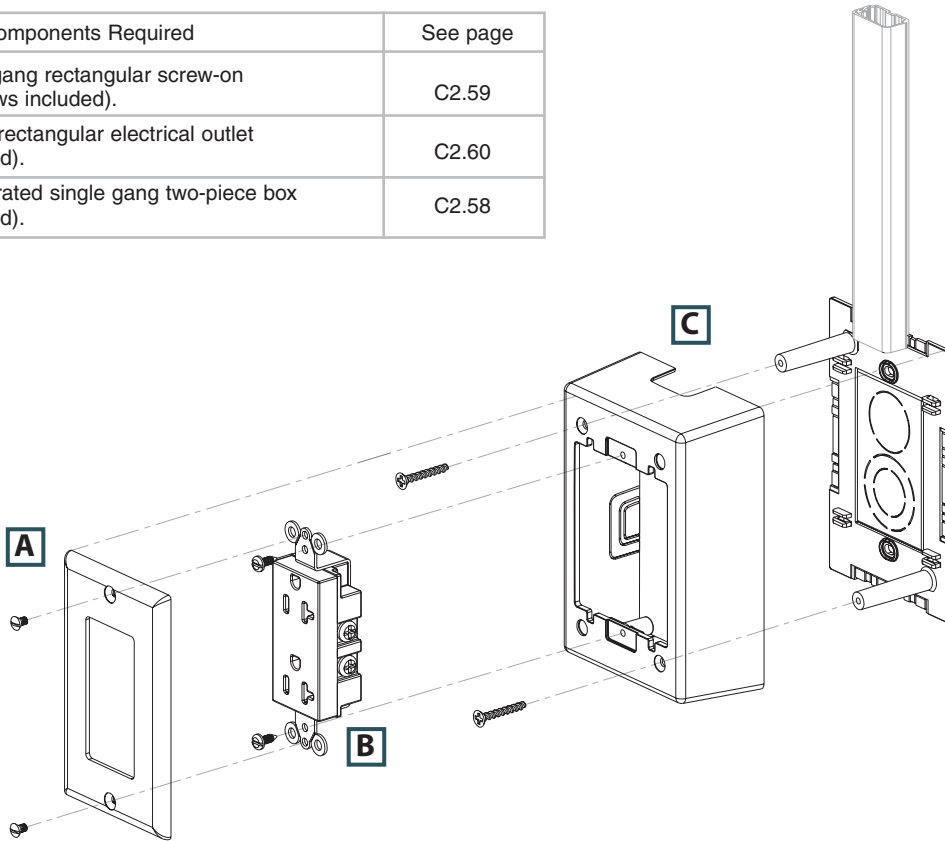
Exploded View 2

	Components Required	See page
A.	CPG**2G = Double gang rectangular screw-on faceplate (screws included).	C2.59
B.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.60
C.	JBP2 = Power rated double gang three-piece box (screws included).	C2.58

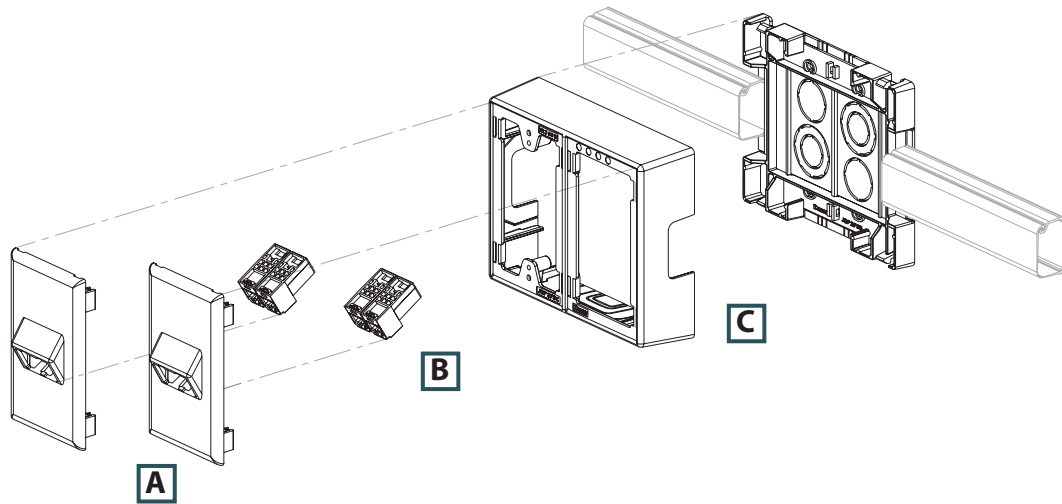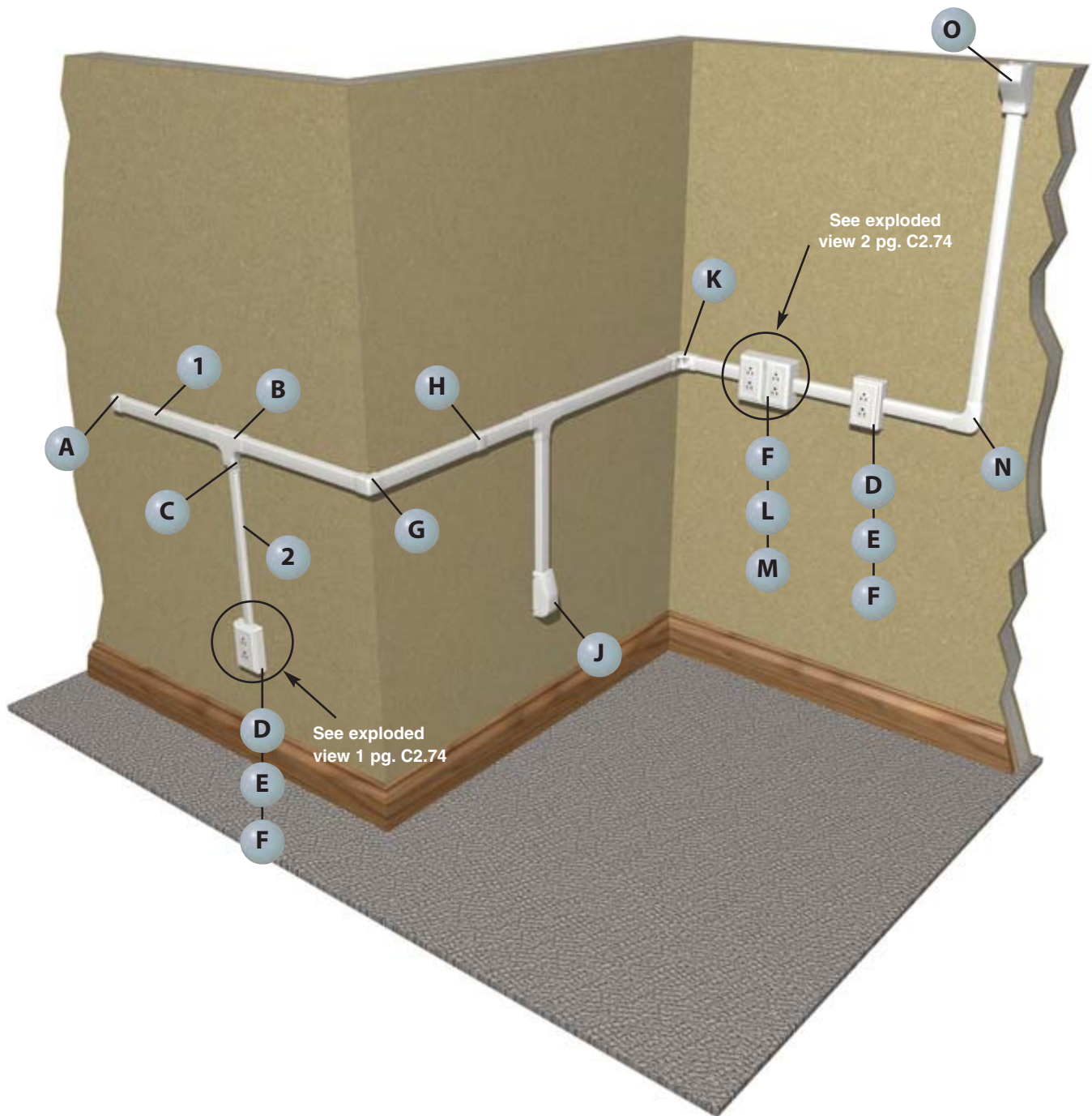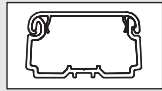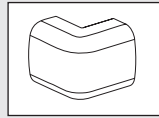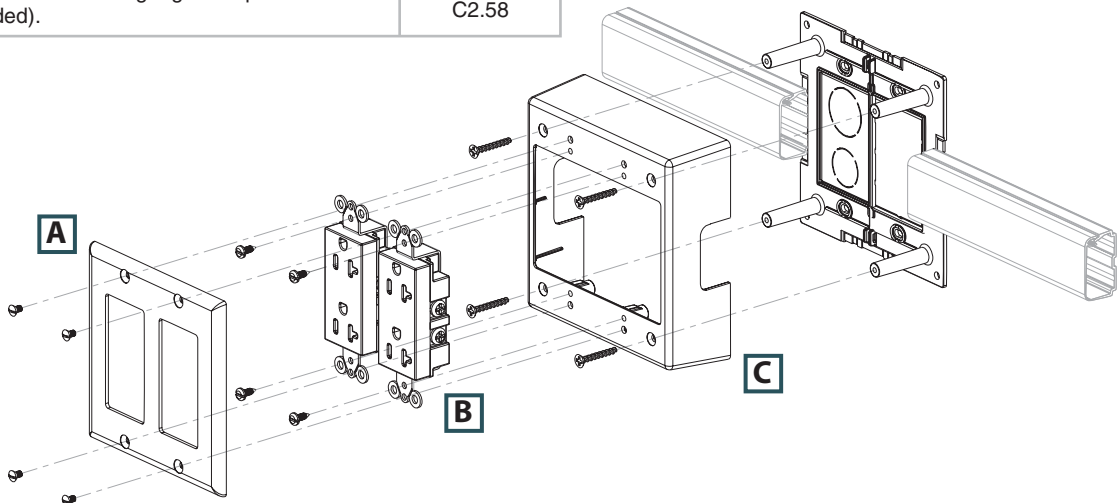| A. System Overview |
| B1. Cable Ties |
| B2. Cable Accessories |
| B3. Stainless Steel Ties |
| C1. Wiring Duct |
| C2. Surface Raceway |
| C3. Abrasion Protection |
| C4. Cable Management |
| D1. Terminals |
| D2. Power Connectors |
| D3. Grounding Connectors |
| E1. Labeling Systems |
| E2. Labels |
| E3. Pre-Printed & Write-On Markers |
| E4. Permanent Identification |
| E5. Lockout/ Tagout & Safety Solutions |
| F. Index |

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

.86"
1.51"
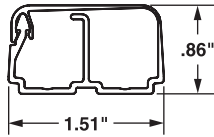
Left Internal Area = .43 Sq. In.
Right Internal Area = .50 Sq. In.

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
LD2P10IW8-A	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
LD2P10IW10-A				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

CFX10   **RAFX10**
ICFX10   **OCFX10**
TFXD10   **ECFX10**
EEFX

Part Number	Part Description	Color‡	Std. Pkg. Qty.
CFX10IW-X	Coupler fitting for use with LD10, LDPH10, and LD2P10 raceway.	Off White	10
RAFX10IW-X	Right angle fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
ICFX10IW-X	Inside corner fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
OCFX10IW-X	Outside corner fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
TFXD10IW-X	Tee fitting with divided insert to maintain separation of power and data cabling. For use with LD2P10 raceway.	Off White	10
ECFX10IW-X	End cap fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
EEFXIW	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).

PAN-WAY® LD Surface Raceway System

- 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
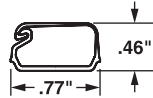
.46"
.77"
LD3
Internal Area = .21 Sq. In.
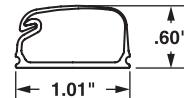
.60"
1.01"
LD5
Internal Area = .38 Sq. In.
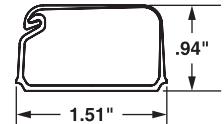
.94"
1.51"
LD10
Internal Area = 1.00 Sq. In.

LD3

LD5
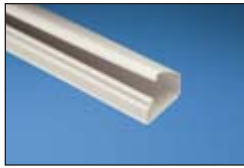
LD10

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
LD3 – Surface Raceway					
LD3IW6-A	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
LD3IW8-A				8	160
LD3IW10-A				10	200
LD5 – Surface Raceway					
LD5IW6-A	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
LD5IW8-A				8	160
LD5IW10-A				10	200
LD10 – Surface Raceway					
LD10IW6-A	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
LD10IW8-A				8	160
LD10IW10-A				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.

PAN-WAY® LDPH Surface Raceway System

C ⓊL US

- 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
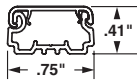
LDPH3
Internal Area = .17 Sq. In.
.41"
.75"
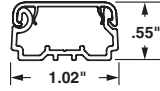
LDPH5
Internal Area = .33 Sq. In.
.55"
1.02"

LDPH10
Internal Area = .89 Sq. In.
.86
1.52

LDPH3

LDPH5

LDPH10

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
LDPH3 – Surface Raceway					
LDPH3IW8-A	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
LDPH3IW10-A				10	200
LDPH5 – Surface Raceway					
LDPH5IW8-A	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
LDPH5IW10-A				10	200
LDPH10 – Surface Raceway					
LDPH10IW8-A	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
LDPH10IW10-A				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).

PAN-WAY® LDS Surface Raceway System

UL · CSA® · 5A LISTED

- 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
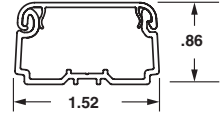
.41"
.77"
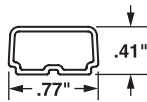
LDS3
Internal Area = .21 Sq. In.

.55"
1.01"
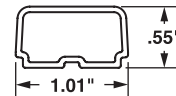
LDS5
Internal Area = .38 Sq. In.

LDS3

LDS5

**LMD3
LMD5**

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
LDS3 – Surface Raceway					
LDS3IW10-A	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
LDS5 – Surface Raceway					
LDS5IW10-A	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
Mounting Straps					
LMD3IW-Q	For use with LDS3 raceway.	Size 3	Off White	—	100
LMD5IW-Q	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*.

PANDUIT® ELECTRICAL SOLUTIONS

Standard Fittings for Low Voltage Applications

CF **RAF**

ICF **OCF**

TF **ECF**
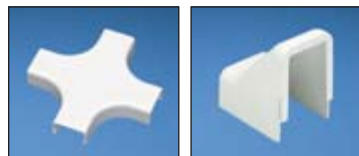
CRFC **DCF**
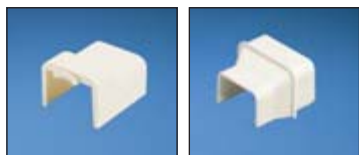
FBA **RF**

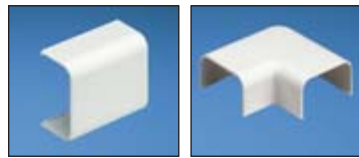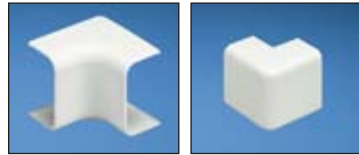| Part Number	Part Description	Color‡	Std. Pkg. Qty.
CF3IW-E	Coupler fitting for use with LD3 raceway.	Off White	20
CF5IW-E	Coupler fitting for use with LD5 raceway.	Off White	20
CF10IW-X	Coupler fitting for use with LD10 raceway.	Off White	10
RAF3IW-E	Right angle fitting for use with LD3 raceway.	Off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

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

One Inch Bend Radius Fittings for TIA/EIA Compliance

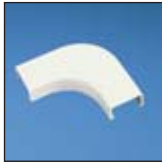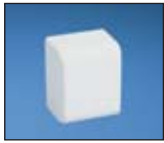• 1 inch bend radius fittings are designed to maintain the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems

CFX **RAFC** **ICFC** **OCFX** **TFC** **CRFC5** **ECFX** **DCEFX** **RAEFX** **RFX**

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

UL 5A LISTED   CSA®   **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.
CFX3IW-X	Coupler fitting for use with LD3, LDPH3, and LDS3 raceway.	Off White	10
CFX5IW-X	Coupler fitting for use with LD5, LDPH5, and LDS5 raceway.	Off White	10
CFX10IW-X	Coupler fitting for use with LD10, LDPH10, and LD2P10 raceway.	Off White	10
RAFX3IW-X	Right angle fitting for use with LDPH3 and LDS3 raceway.	Off White	10
RAFX5IW-X	Right angle fitting for use with LDPH5 and LDS5 raceway.	Off White	10
RAFX10IW-X	Right angle fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
ICFX3IW-X	Inside corner fitting for use with LDPH3 and LDS3 raceway.	Off White	10
ICFX5IW-X	Inside corner fitting for use with LDPH5 and LDS5 raceway.	Off White	10
ICFX10IW-X	Inside corner fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
OCFC3IW-X	Outside corner fitting for use with LDPH3 and LDS3 raceway.	Off White	10
OCFC5IW-X	Outside corner fitting for use with LDPH5 and LDS5 raceway.	Off White	10
OCFC10IW-X	Outside corner fitting for use with LDPH10 raceway only.	Off White	10
TFX3IW-X	Tee fitting for use with LDPH3 and LDS3 raceway.	Off White	10
TFX5IW-X	Tee fitting for use with LDPH5 and LDS5 raceway.	Off White	10
TFX10IW-X	Tee fitting for use with LDPH10 raceway only.	Off White	10
CRFX5IW-X	4-way cross fitting for use with LD5, LDPH5, and LDS5 raceway.	Off White	10
CEFXIW-X	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
ECFX3IW-X	End cap fitting for use with LDPH3 and LDS3 raceway.	Off White	10
ECFX5IW-X	End cap fitting for use with LDPH5 and LDS5 raceway.	Off White	10
ECFX10IW-X	End cap fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
DCEFXIW-X	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
RAEFXIW-X	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
RFX53IW-X	Reducer fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5 and LDS5 raceway. For in-line terminations, use with CFX5**.	Off White	10
RFX103IW-X	Reducer fitting for use with LD3, LDPH3, LD10 and LDPH10 raceway. For in-line terminations, use with CFX10**.	Off White	10
RFX105IW-X	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).

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

Raceway Adapters for LD Raceway

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

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

CA3
CA5

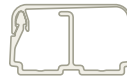## Cable Fill Capacities for LD Profile Raceway

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.

LD3	LD5	LD10
.21 in.²	.38 in.²	1.00 in.²

LDPH3	LDPH5	LDPH10
.17 in.²	.33 in.²	98 in.²

LD2P10 – Left	LDP210 – Right
.43 in.²	.50 in.²

LDS3	LDS5
.21 in.²	.38 in.²

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.²)	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
		(UL Temp Rise Test)			(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)
LD3	0.21	—	—	—	1	2	0	1	1	2	3	5
LD5	0.38	—	—	—	3	4	1	2	2	3	6	9
LD10	1.00	—	—	—	8	12	4	7	6	10	16	24
LDPH3	0.17	9	7	4	1	2	0	1	1	1	2	4
LDPH5	0.33	14	12	8	2	4	1	2	2	3	5	8
LDPH10	0.89	18	18	16	7	10	4	6	5	8	14	22
LD2P10 – Left channel	0.43	14	11	8	—	—	—	—	—	—	—	—
LD2P10 – Right channel	0.50	—	—	—	4	6	2	3	3	5	8	12
LDS3	0.21	9	6	4	1	2	0	1	1	2	3	5
LDS5	0.38	10	8	5	3	4	1	2	2	3	6	9

AWG dimensions represent typical outer cable diameter in inches.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

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
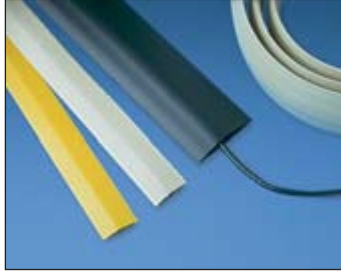
FG1
FG3

Part Number	Part Description	Color‡	Std. Pkg. Qty.
FG1EI6-A	Flexible vinyl material used to route cabling over carpet, tile, and concrete. Product available in 6' and 50' rolls.	Electric Ivory	1
FG1EI50-A	Flexible vinyl material used to route cabling over carpet, tile, and concrete. Product available in 6' and 50' rolls.	Electric Ivory	30
FG3EI50-A	Flexible vinyl material used to route cabling over carpet, tile, and concrete. Product available in 6' and 50' rolls.	Electric Ivory	1
FG3EI6S-A	Flexible vinyl material used to route cabling over carpet, tile, and concrete. Product available in 6' and 50' rolls.	Electric Ivory	30

Mounting tape is pre-applied only to FG3 in 6' lengths.
‡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

Foam Tape

- 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

P32W2A2
P32W2R1

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

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

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.

Cove Raceway Roadmap

See exploded view 3 pg. C2.89

See exploded view 4 pg. C2.89

See exploded view 1 pg. C2.88

See exploded view 2 pg. C2.88

1 WCM35BIW, WCM35CIW – Cove Raceway Base and Cover (page C2.90)
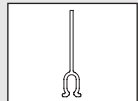
1 WCM35DW – Cove Raceway Divider Wall (page C2.90)
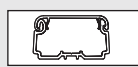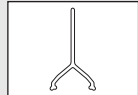
2 LDPH10** – LDPH10 Raceway (page C2.77)
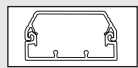
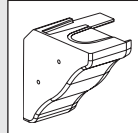**3** T45B**, T45C** – T-45 Raceway Base and Cover (page C2.48)
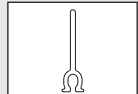
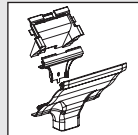**3** T45DW – T-45 Raceway Divider Wall (page C2.48)
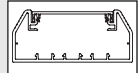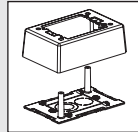
4 T70B**, T70C** – T-70 Raceway Base and Cover (page C2.37)

4 T70DW – T-70 Raceway Divider Wall (page C2.37)

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

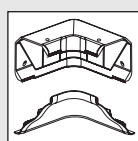**B** WCM35TR10IW – Cove Raceway Low Profile Transition Fitting for LD/LDPH10 Raceway (page C2.91)

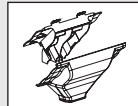**C** JBP1** – Power Rated Single Gang Two-Piece Box (page C2.58)
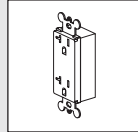
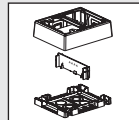**D** ERU20** – 20 A Rectangular Outlet (page C2.60)
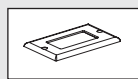
E CPG** – Single Gang Rectangular Electrical/Communication Screw-On Faceplate (page C2.59)
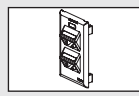
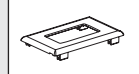**F** WCM35ICIW – Cove Raceway Inside Corner Fitting (page C2.91)

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

H JBP2FS** – *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box (page C2.52)

J UIT70FV4** – *ULTIMATE ID*® Sloped Vertical Snap-On Faceplate
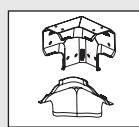
K T70PG** – Single Gang Rectangular Electrical/Communication Snap-On Faceplate (page C2.53)
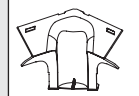
L WCM35OCIW – Cove Raceway Outside Corner Fitting (page C2.91)

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

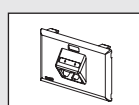**N** WCM35TIW – Cove Raceway Tee Fitting (page C2.91)

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

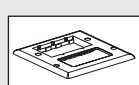**P** WCM35TR70IW – Cove Raceway Low Profile Transition Fitting for T-70 Raceway (page C2.91)

Q T70WC2** – T-70 *WORKSTATION OUTLET CENTER*™ Offset Box for Snap-On Faceplates (page C2.37)
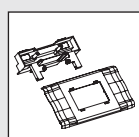
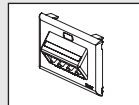**R** UIT70FH2** – *ULTIMATE ID*® Horizontal Snap-On Faceplate

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

T FP2RC** – Double Gang Rectangular Electrical and Communication Faceplate (page C2.59)

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

V UIT70FH4** – *ULTIMATE ID*® Horizontal Snap-On Faceplate

Cove Configurations

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).	C2.60
D.	CPG = Screw-on single gang rectangular faceplate.	C2.59
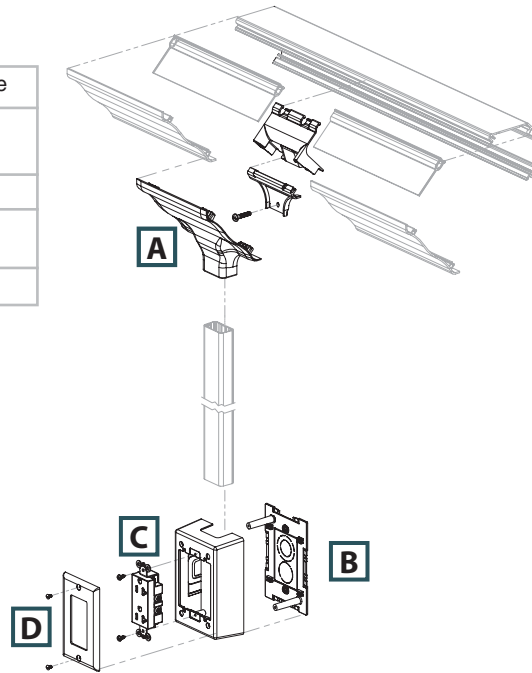
Exploded View 2

	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).	C2.60
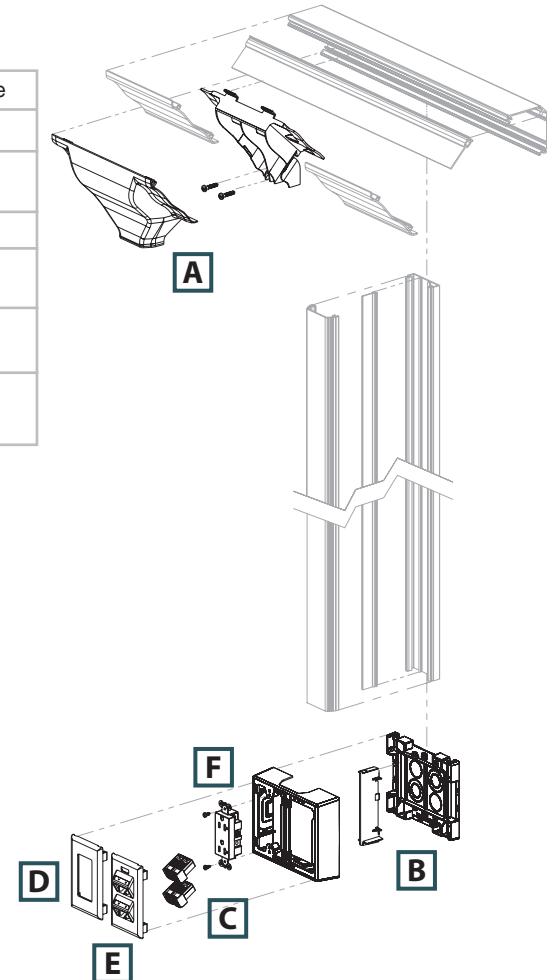
Cove Configurations (continued)

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.	C2.59
C.	MINI-COM® Modules.	—
D.	ERU20 = 20 A rectangular electrical outlet (screws included).	C2.6
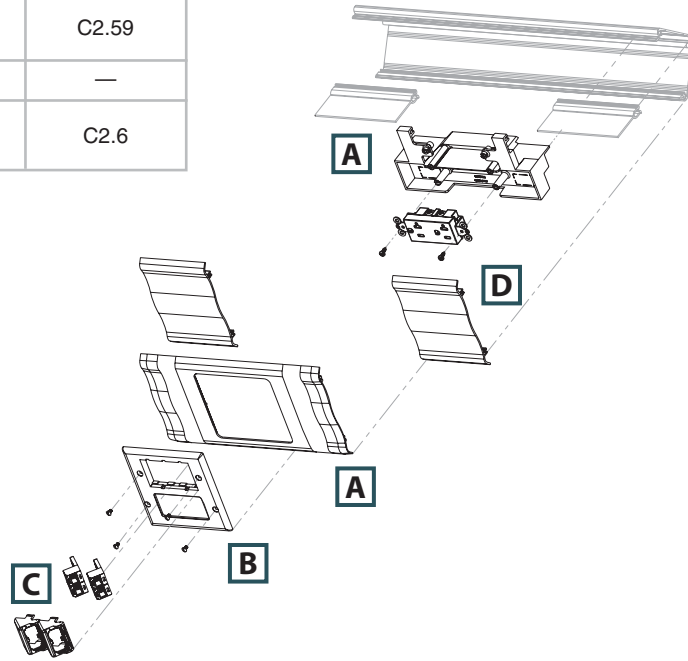
Exploded View 4

|	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.	—
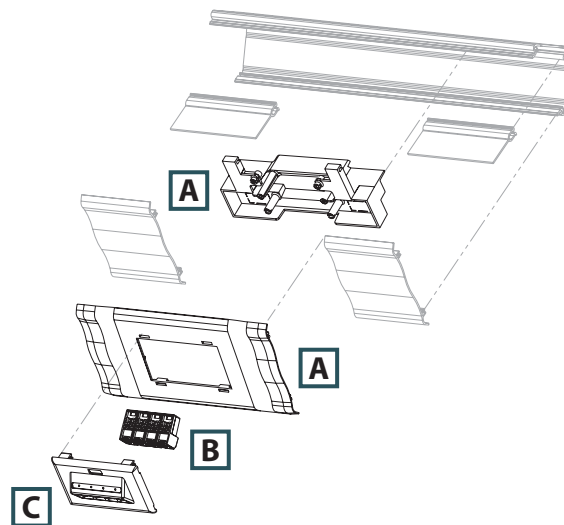
PAN-WAY® Cove Raceway System

- 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

3.50"

3.50"
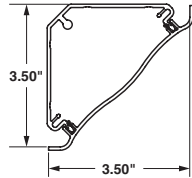
COVE RACEWAY
Internal Area = 5.40 Sq. In.
(3484 Sq. mm)

WCM35B

WCM35C

WCM35DW
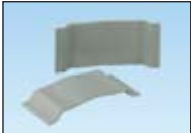
Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
Cove Raceway Base					
WCM35BIW8	Cove raceway base is available in 8' lengths and is used for mounting in the horizontal corner between the ceiling and wall or vertical corner between walls.	3.50" x 3.50" (89.0mm x 89.0mm)	Off White	8	64
Cove Raceway Cover					
WCM35CIW8	Cove raceway cover available in 8' lengths.	—	Off White	8	64
Cove Raceway Divider Wall					
WCM35DW8	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

WCM35CC   WCM35IC

WCM35OC   WCM35T

WCM35TI   WCM35EC

WCM35TR   WCM35TR5

WCM35TR10   WCM35TR70

WCM35DBF   WCM35BF

WCM35WR-X

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
WCM35CCIW-X	Cover coupler fittings. Used to join two pieces of cove raceway cover together.	Off White	10	100
WCM35ICIW	Inside corner fitting. Used to join cove raceway at inside corners. Maintains a minimum 1" bend radius of cabling.	Off White	1	10
WCM35OCIW	Outside corner fitting. Used to join cove raceway at outside corners. Maintains a minimum 1" bend radius of cabling.	Off White	1	10
WCM35TIW	Tee fitting. Used to join sections of cove raceway to form a "tee" junction. Maintains a minimum 1" bend radius of cabling.	Off White	1	10
WCM35TI	Tee fitting insert. Mounts inside cove raceway tee fitting to maintain channel separation at tee junctions. Maintains a minimum 1" bend radius of cabling.	Gray	1	10
WCM35ECIW	End cap fitting. Used to terminate or enter cove raceway. Includes breakouts for 1/2" and 3/4" conduit.	Off White	1	10
WCM35TRIW	Transition fitting. Used to transition from cove raceway to PAN-WAY® T-45 raceway or LD profile raceway.	Off White	1	10
WCM35TR5IW	Low profile transition fitting. Used to transition from cove raceway to LD/LDPH5.	Off White	1	10
WCM35TR10IW	Low profile transition fitting. Used to transition from cove raceway to LD/LDPH10.	Off White	1	10
WCM35TR70IW	Low profile transition fitting. Used to transition from cove raceway to T-70.	Off White	1	10
WCM35DBFIW	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.	Off White	1	10
WCM35BFIW	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
WCM35WR-X	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.
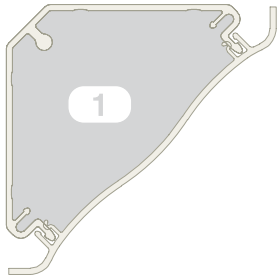
Cable Fill Capacities for Cove Raceway

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.
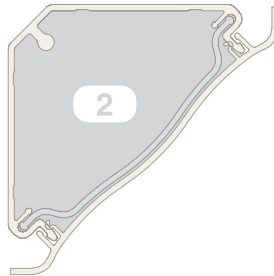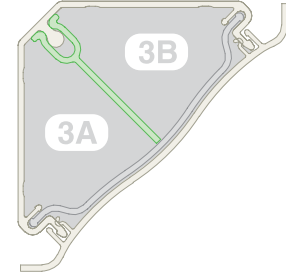
A = 5.4 in.²

Cable fill #1: Open channel without devices.

A = 5.0 in.²
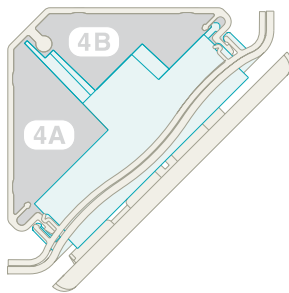
Cable fill #2: Open channel with wire retainer.

3A = 2.4 in.²   **3B = 2.4 in.²**

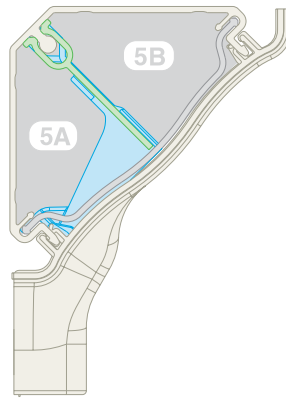**Cable fill #3:** Divided channel (power and data) with wire retainer and divider wall.

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.

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.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
		(UL Temp Rise Test)			(40%)	(60%)	(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	50	40	30	40	61	23	35	33	50	83	124
3A. WCM35: Power and data using wire retainer and	2.4	—	—	—	19	29	11	16	16	24	39	59
3B. divider wall.	2.4	30	25	20	—	—	—	—	—	—	—	—
4A. WCM35: Power and data using device box and	1.6	—	—	—	13	19	7	11	10	16	26	39
4B. faceplate adapter.	1.4	25	25	20	—	—	—	—	—	—	—	—
5A. WCM35: Power and data using low profile	1.8	25	25	20	—	—	—	—	—	—	—	—
5B. transition insert.	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.

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

Office Furniture Raceway Roadmap
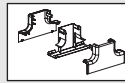

See exploded view 2 pg. C2.97
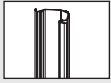
See exploded view 1 pg. C2.96

Note: Office furniture raceway is designed to blend with its environment. Shown in white on office slate furniture for illustration purposes only.
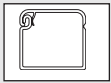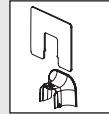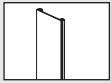
1 OFR20**6 – Office Furniture Raceway (page C2.98)

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

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

C OFVR5**6 – Vertical Raceway (page C2.98)
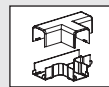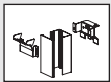
D OFR20CP**8 – Communication Pole (page C2.99)

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

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

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

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

J OFR20SO** – Spill-Over Fitting (page C2.100)
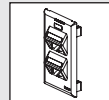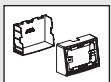
K OFR20DMB** – Desk Mount Box (page C2.100)

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

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

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

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

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

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

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

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

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

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

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

Office Furniture Configurations

Exploded View 1

	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
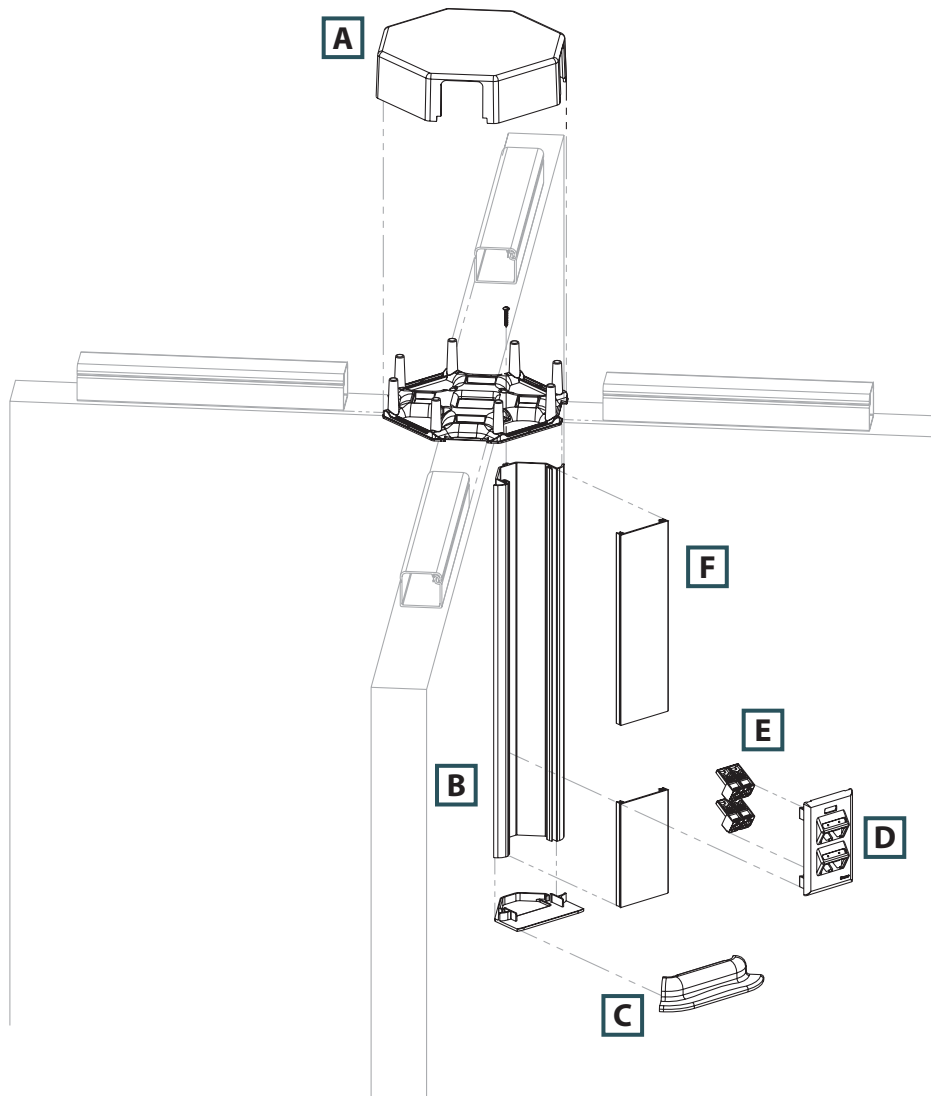
Office Furniture Configurations (continued)

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
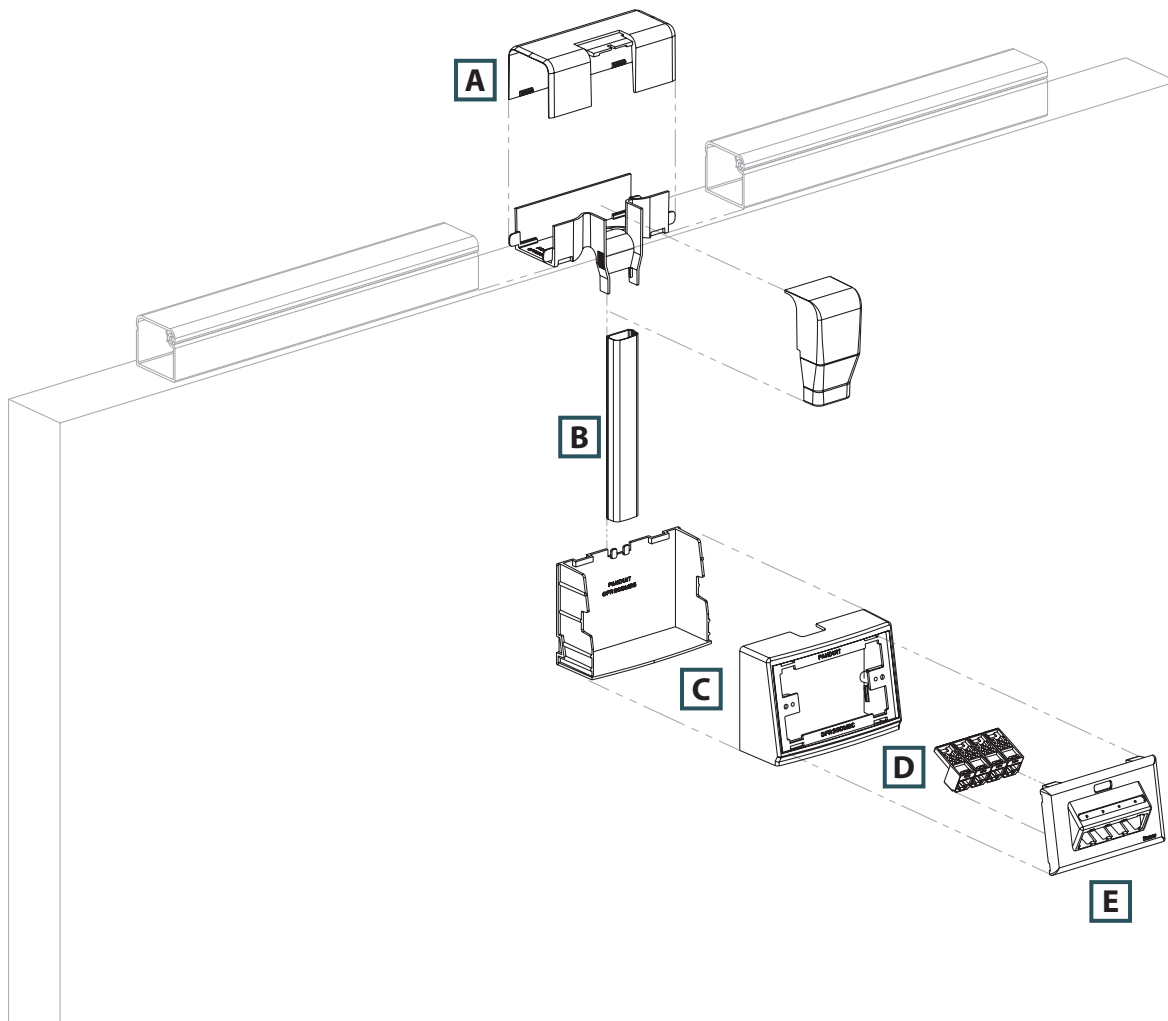
A.
System Overview

B1.
Cable Ties

B2.
Cable Accessories

B3.
Stainless Steel Ties

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Wiring Duct

C2.
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C3.
Abrasion Protection

C4.
Cable Management

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D2.
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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

F.
Index

PAN-WAY® Office Furniture Raceway System

- 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
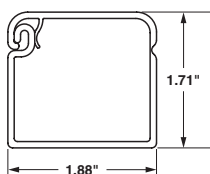
OFFICE FURNITURE RACEWAY
Internal Area = 2.31 Sq. In.

1.71"

1.88"
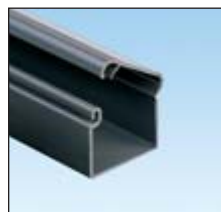
Office Beige (OB)　　**Office Gray (OG)**　　**Office Slate (OS)**　　**Medium Tone (MT)**

OFR20

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Pkg. Qty.	Std. Ctn. Qty.
OFR20OB6	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
OFR20OB8	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.
OFCR70OB6	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
OFCRC70OB6	Office furniture corner raceway cover. Available in 6' lengths.	—	Office Beige	6	48
OFVR5OB6	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**. Available in 6' lengths.	—	Office Beige	6	120

‡For other colors, replace OB (Office Beige) with OS (Office Slate), OG (Office Gray), or MT (Medium Tone).

PAN-WAY® Office Furniture Raceway Fittings (continued)
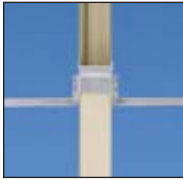
OFR20CP

OFR20OFCR704**

OFR20OFCR702**

OFR20OFCR701**

OFR20OFCR701P**

OFR20OFCR702P**

OFR20OFCR704P**

Part Number	Part Description	Labels Required	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
OFR20CPOB8	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	—
OFR20OFCR70OB4	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
OFR20OFCR70OB2	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
OFR20OFCR70OB1	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
OFR20OFCR70OB1P	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
OFR20OFCR70OB2P	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
OFR20OFCR70OB4P	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).

PAN-WAY® Office Furniture Raceway Fittings (continued)

UL 5C LISTED

OFRCR70EC

OFR20SO

OFR20DSO

OFR20DMB

OFR20MPT

OFR20WE **OFR20RA**

OFR20T **OFR20CR**

Part Number	Part Description	Labels Required	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
OFCR70ECOB	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
OFR20SOOB	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
OFR20DSOOB	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
OFR20DMBOB	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
OFR20MPTOB	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
OFR20WEOB	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
OFR20RAOB	Right angle fitting. Used to join sections of office furniture raceway at 90° flat junction. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20TOB	Tee fitting. Used to create an undivided tee junction between sections of office furniture raceway. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20CROB	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).
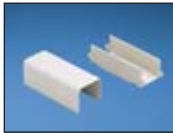
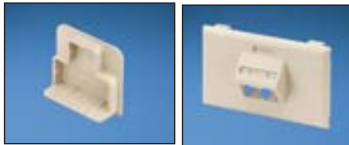## PAN-WAY® Office Furniture Raceway Fittings (continued)
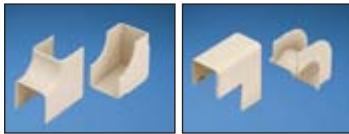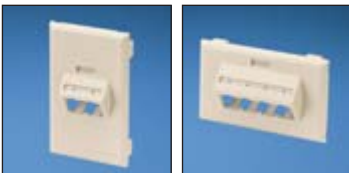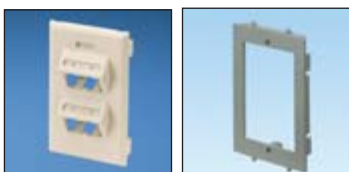
OFR20IC   OFR20OC

OFR20CC

OFR20LC

OFR20EC   OF70FH2

OF70FV2   OF70FH4

OF70FV4   T70SDB-X

Part Number	Part Description	Labels Required	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
OFR20ICOB	Inside corner fitting. Used to join sections of office furniture raceway at inside corner. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20OCOB	Outside corner fitting. Used to join sections of office furniture raceway at outside corner. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20CCOB-X	Coupler fitting. For use with office furniture raceway.	—	Office Beige	10	100
OFR20LCOB	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
OFR20ECOB	End cap fitting. Used to terminate office furniture raceway. Supplied with adhesive tape.	—	Office Beige	1	10
OF70FH2OB	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
OF70FV2OB	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
OF70FH4OB	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
OF70FV4OB	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
T70SDB-X	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	—

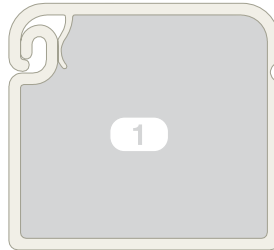‡For other colors, replace OB (Office Beige) with OS (Office Slate), OG (Office Gray), or MT (Medium Tone).

Cable Fill Capacities for Office Furniture 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 = 2.31 in.^{2}

Cable fill #1: Open channel
without devices

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.

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			Cat. 6		Cat. 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
		40%	40%	40%	40%	60%	40%	60%	40%	60%	40%	60%
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.

PAN-POLE™ Power Pole

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

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

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
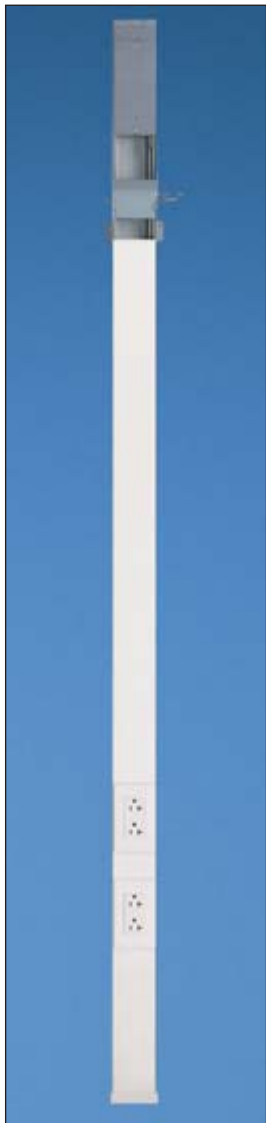
PCPA11R20
PCPA13R20

| Part Number	Part Description	Color‡	Std. Pkg. Qty.
PCPA11R20IW	*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
PCPA13R20IW	*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).	C2.59
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
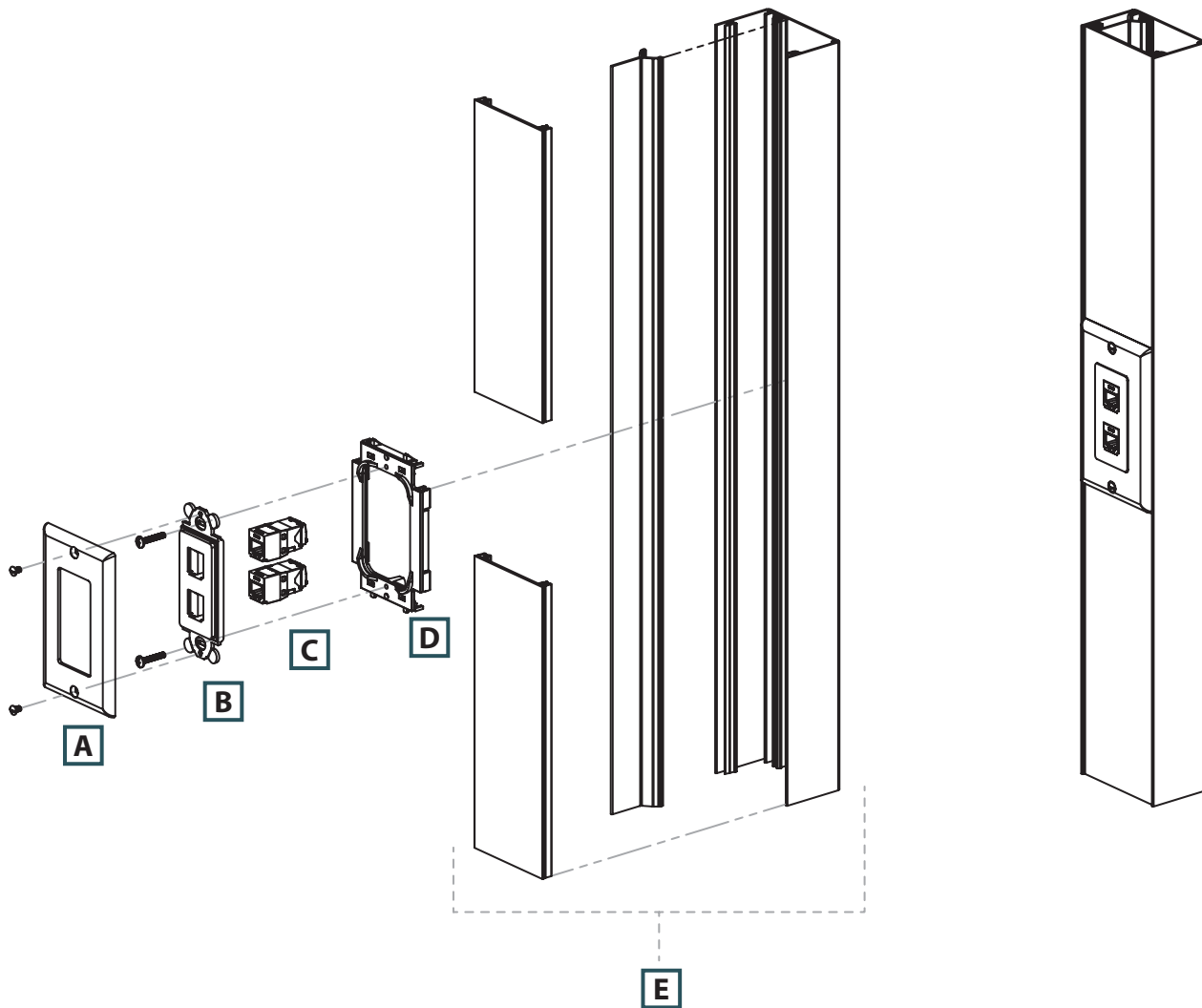
Installation of Communication Outlets on *PAN-POLE*™ Power Pole (continued)

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**R20 power pole.	C2.104
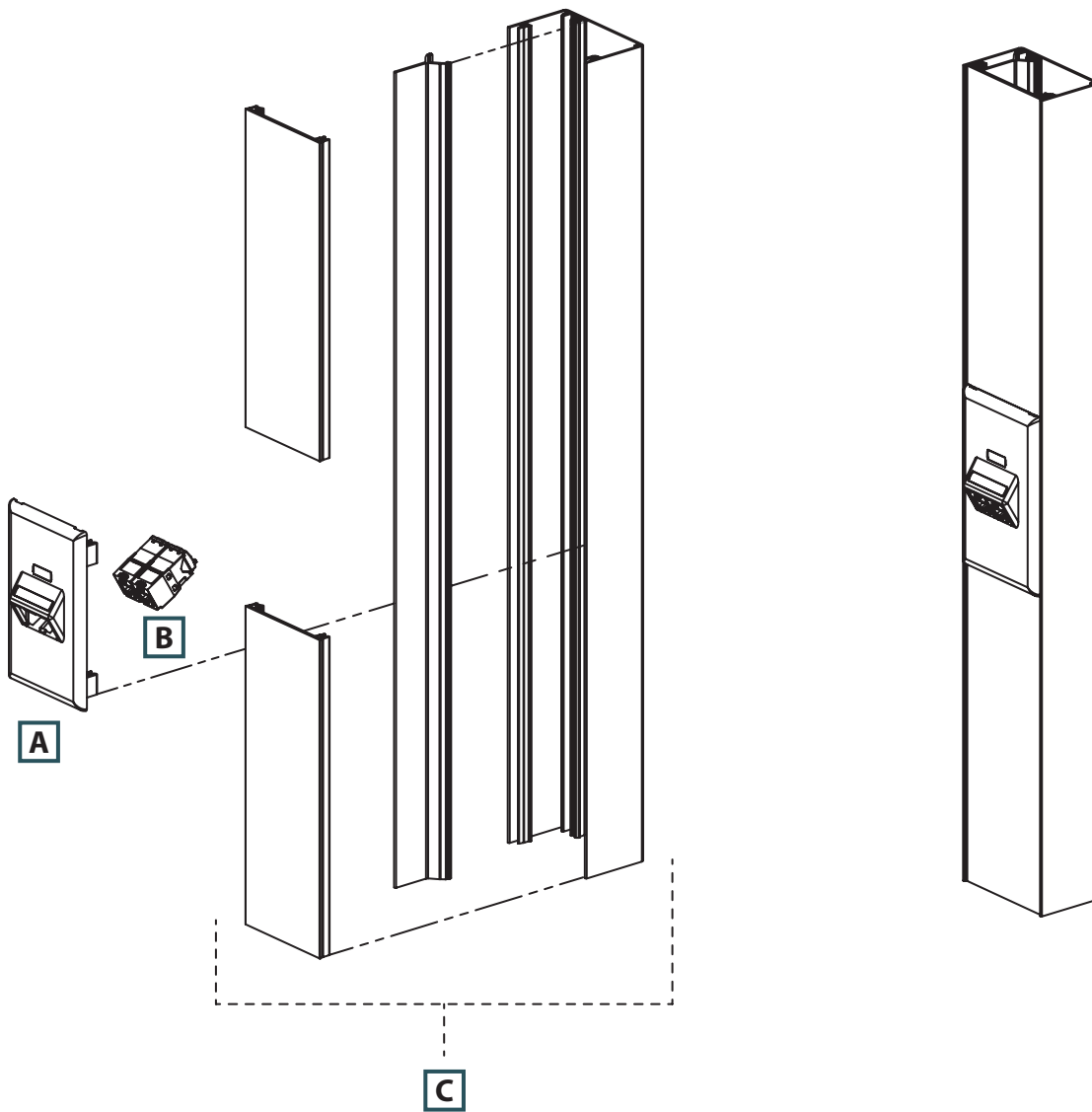
PAN-POLE™ Communication Pole

- 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

Part Number	Part Description	Color‡	Std. Pkg. Qty.
PCPA11IW	*PAN-POLE*™ Communication Pole assembly is supplied in 11' length for maximum ceiling height of 10'.	Off White	1
PCPA13IW	*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).

**PCPA11
PCPA13**

Installation of Communication Outlets on *PAN-POLE*™ Communication Pole

Utilizing Standard Screw-On Faceplates

	Components Required	See page
A.	CPG** = Single gang rectangular screw-on faceplate (screws included).	C2.59
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
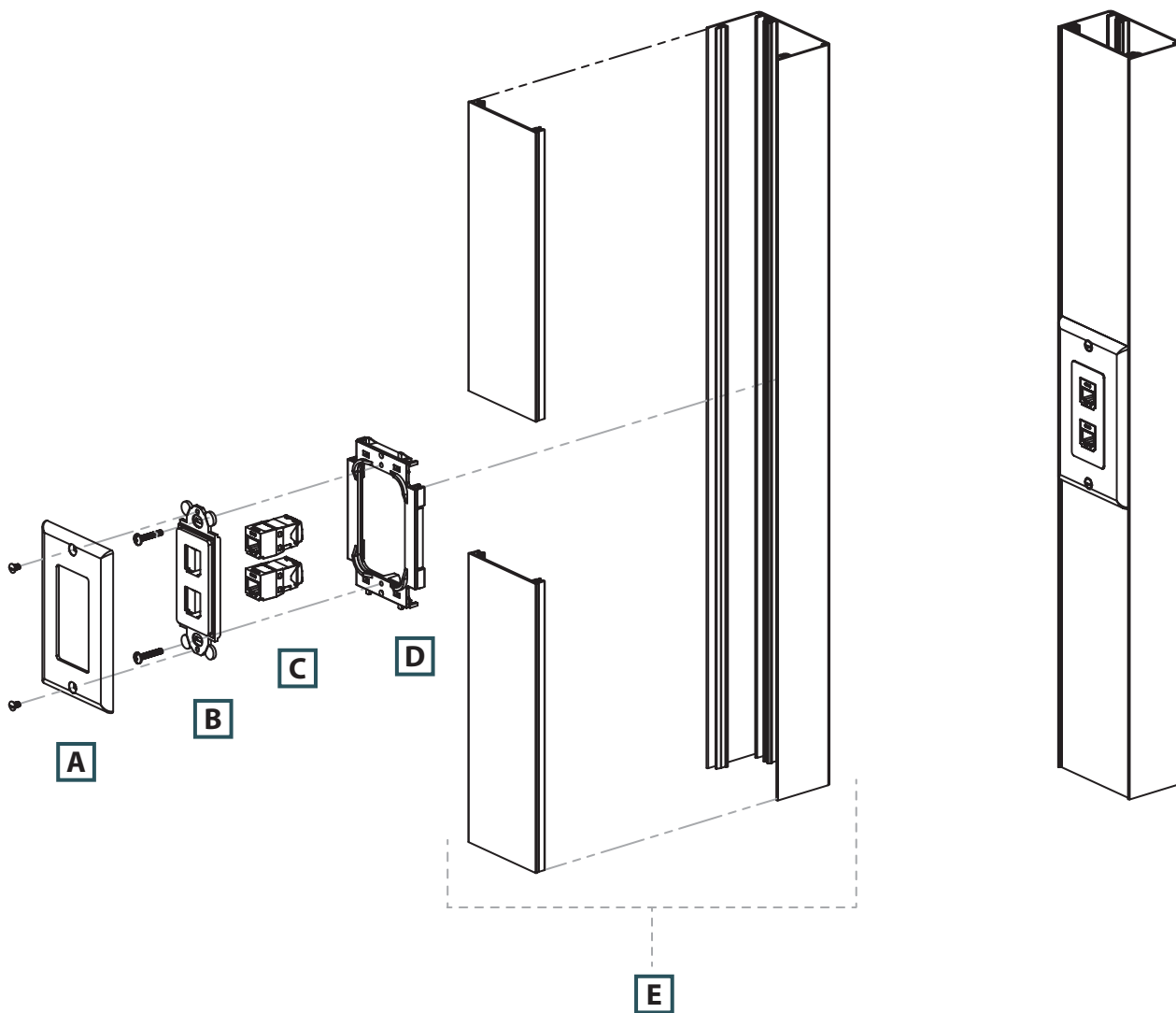
Installation of Communication Outlets on *PAN-POLE*™ Communication Pole (continued)

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
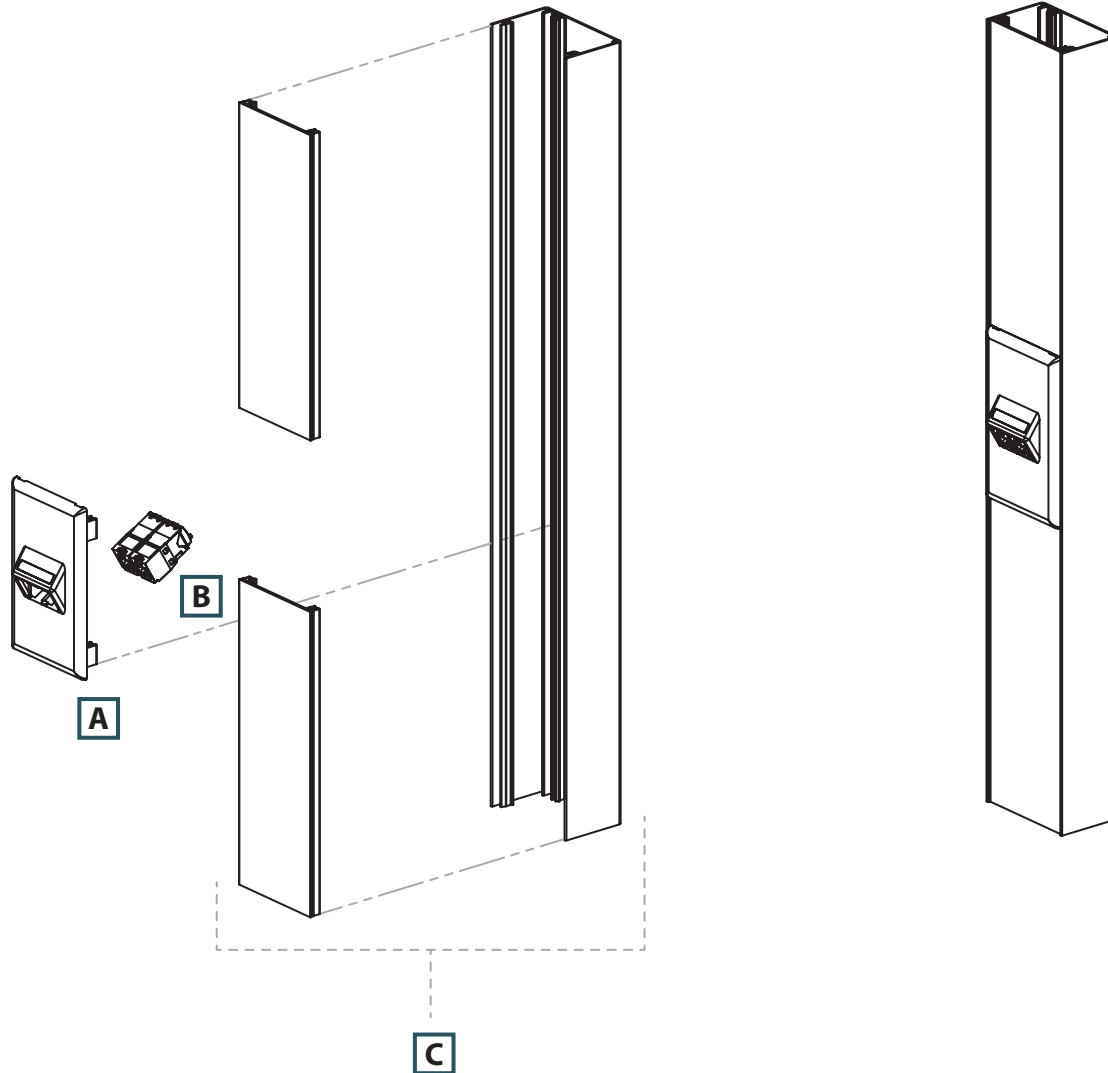
PAN-POLE™ Extension Kits

PCPAK22
PCPAK16

Part Number	Part Description	Color‡	Std. Pkg. Qty.
PCPAK22IW	*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
PCPAK16IW	*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.
PCPAKR20IW	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
PCPAKRIW	Power addition kit includes outlet mounting bracket with one mounting screw and snap-on faceplate. *Rectangular power outlet purchased separately.*	Off White	1	10
T70SDB-X	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.

PAN-POLE™ Replacement Parts

PCPKIT   **PCPTP**

PCPEC

PCPBRC

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
PCPKITIW	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
PCPTPIW	Replacement ceiling trim plate.	Off White	1	—
PCPECIW	Replacement end cap with floor grip pad. Also available in EI (Electric Ivory).	Off White	1	—
PCPBRC	Replacement bend radius control ramp with T-bar bracket for attaching pole to T-bar. Includes mounting screws.	Gray	1	—

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.
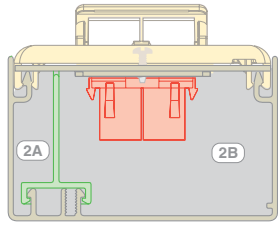
A = .47 in.² A = 2.75 in.²

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

A = .43 in.² A = 2.15 in.²

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

A = 3.47 in.²

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

A = 2.83 in.²

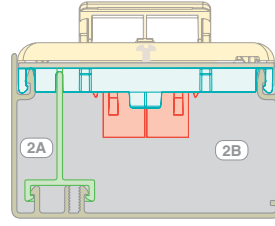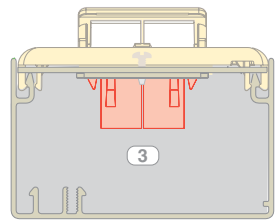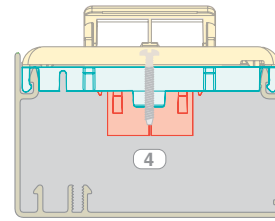**Cable fill #4:** communication pole using sloped screw-on communication faceplate.

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.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			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
			(UL Temp Rise Test)			(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.