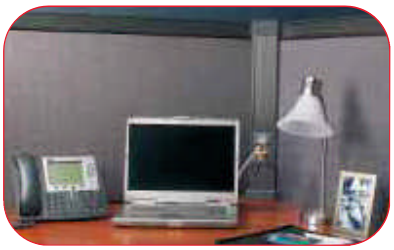
PAN-WAY® NON-METALLIC SURFACE RACEWAY

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

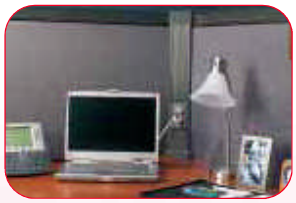
Ease of modifications and additions

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® 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

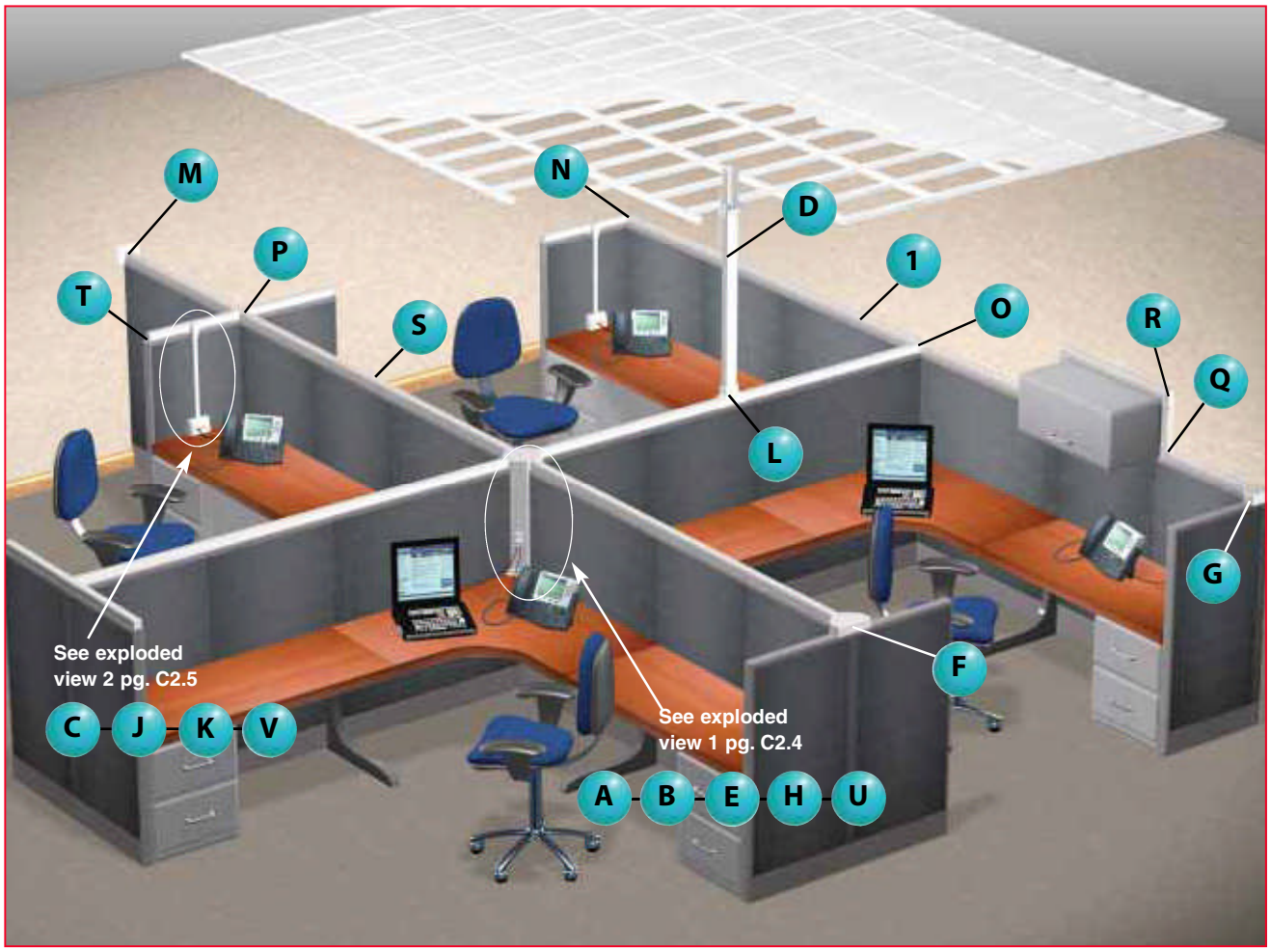
Designed to work with major office furniture manufacturers panels (such as Steelcase, Herman Miller and others)

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

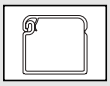
Designed for use with *PANDUIT* connectivity; also accepts common manufacturers' connectivity with use of a NEMA standard 70mm faceplate or module frame

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.

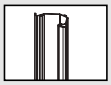
Office Furniture Raceway Roadmap



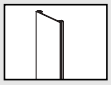
NOTE: Office Furniture Raceway is designed to blend with its environment. Shown in White on Office Slate furniture for illustration purposes only.



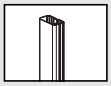
1 **OFR20**6 – Office Furniture Raceway** (page C2.6)



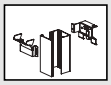
A **OFCR70**6 – Corner Raceway Base** (page C2.6)



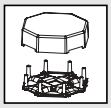
B **OFCRC70**6 – Corner Raceway Cover** (page C2.6)



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

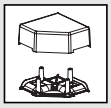


D **OFR20CP**8 – Communication Pole** (page C2.6)

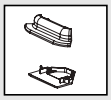


E **OFR20OFCR70**4 – Four Cubicle Drop Fitting** (page C2.7)

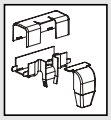
F **OFR20OFCR70**2 – Two Cubicle Drop Fitting** (page C2.7)



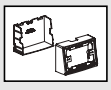
G **OFR20OFCR70**1 – One Cubicle Drop Fitting** (page C2.7)



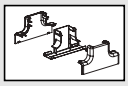
H **OFCR70EC** – Corner Raceway End Cap Fitting** (page C2.8)



J **OFR20SO** – Spill Over Fitting** (page C2.8)

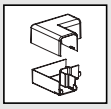


K **OFR20DMB** – Desk Mount Box** (page C2.8)

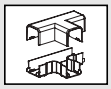


L **OFR20MPT** – Mid Panel Tee Fitting** (page C2.8)

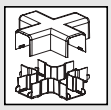
M **OFR20WE** – Wall Entrance Fitting** (page C2.8)



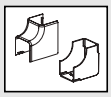
N **OFR20RA** – Right Angle Fitting** (page C2.8)



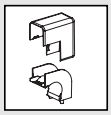
O **OFR20T** – Tee Fitting** (page C2.8)



P **OFR20CR** – Cross Fitting** (page C2.8)

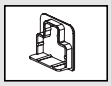


Q **OFR20IC** – Inside Corner Fitting** (page C2.8)



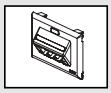
R **OFR20OC** – Outside Corner Fitting** (page C2.8)

S **OFR20CC** – Coupler Fitting** (page C2.8)



T **OFR20EC** – End Cap Fitting** (page C2.9)

U **OF70FV4** – Vertical Sloped Communication Snap-On Faceplate** (page C2.9)

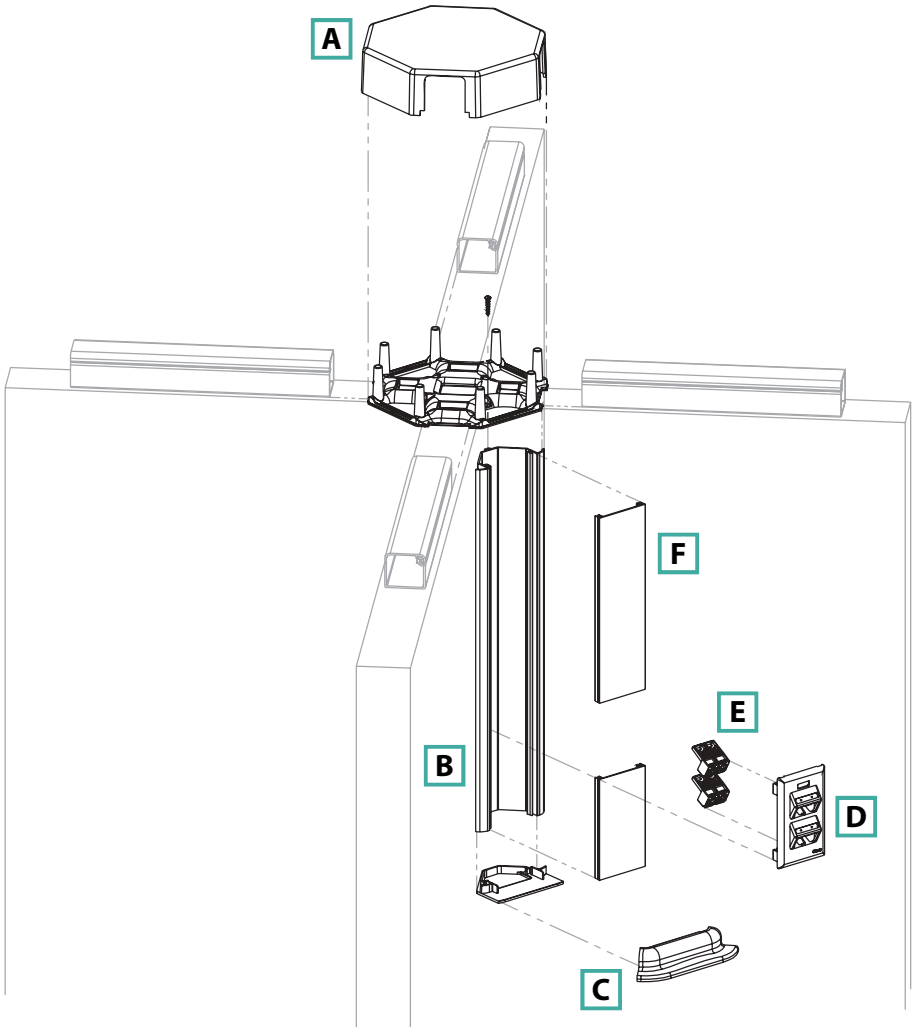


V **OF70FH4** – Horizontal Sloped Communication Snap-on Faceplate** (page C2.9)

Office Furniture Configurations

Exploded view 1

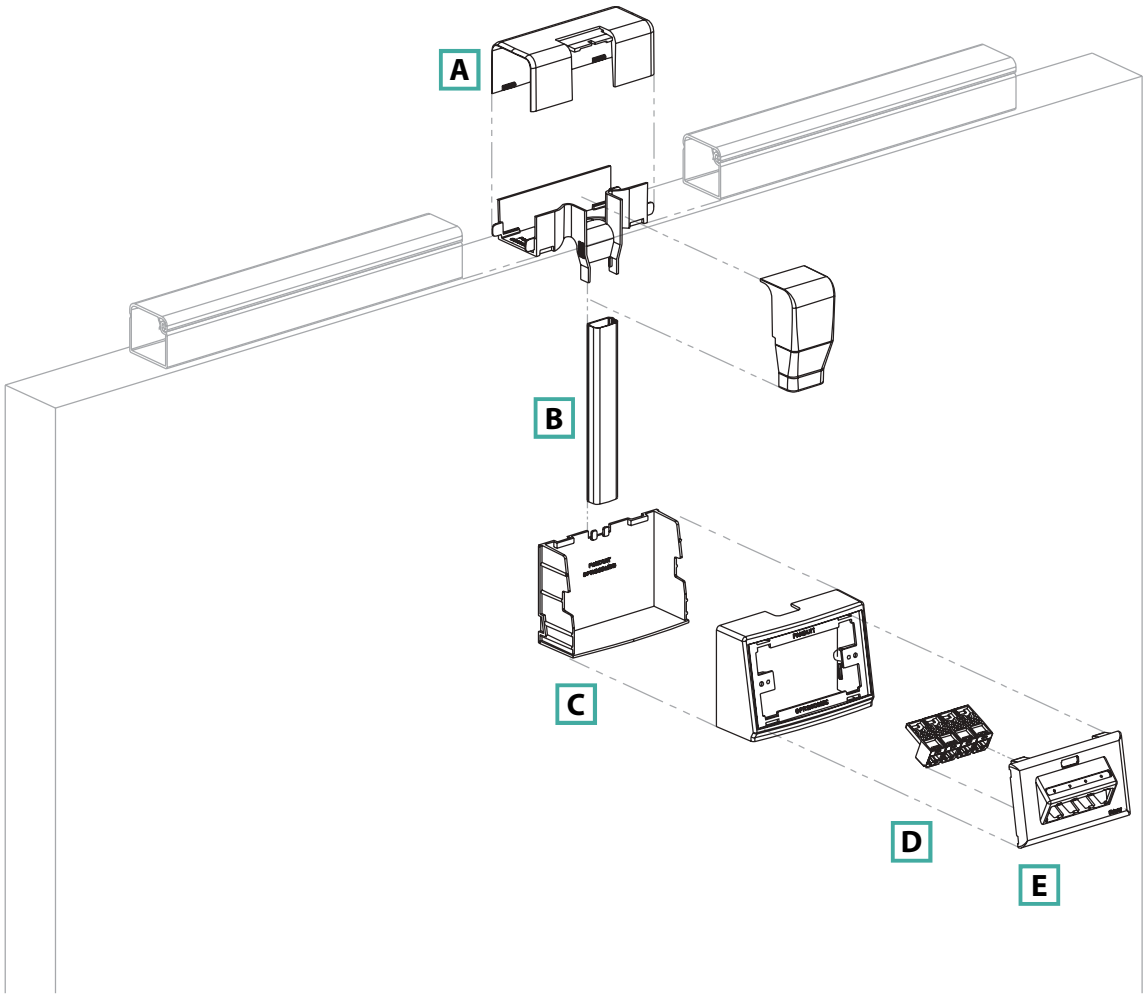
	Components Required	See page
A.	OFR20OFCR70**4 = Four Cubicle Drop Fitting.	C2.7
B.	OFCR70**6 = Corner Raceway Base.	C2.6
C.	OFCR70EC = Corner Raceway End Cap Fitting.	C2.7
D.	OF70FV4 = Vertical Sloped Communication Snap-On Faceplate.	C2.8
E.	*PANDUIT® MINI-COM®* Modules.	—
F.	OFCRC70**6 = Corner Raceway Cover.	C2.6



Office Furniture Configurations (continued)

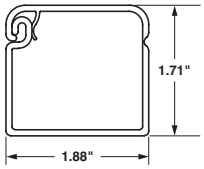
Exploded view 2

	Components Required	See page
A.	OFR20SO** = Spill Over Fitting.	C2.7
B.	OFVR5**6 = Vertical Raceway.	C2.6
C.	OFR20DMB = Desk Mount Box.	C2.7
D.	*PANDUIT® MINI-COM®* Modules.3	—
E.	OF70FH4** = Horizontal Sloped Communication Snap-On Faceplate.	C2.8



PAN-WAY® Office Furniture Raceway System

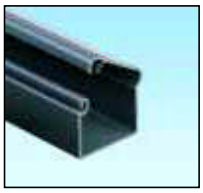
- UL listed in accordance with UL-5C requirements for Class 2 Communication Cable Management Systems
- Maintains bend radius control throughout the entire Office Furniture Raceway system as required by TIA/EIA-568-B and 569-B
- Faceplates are compliant with the labeling requirements of the TIA/EIA-606-A 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"
- Designed for use with *PAN-NET*® Connectivity, also accepts all common manufacturers' connectivity with use of a NEMA standard 70mm faceplate or module frame

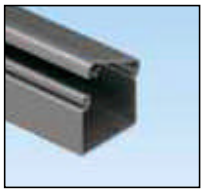


OFFICE FURNITURE RACEWAY
Internal Area = 2.31 Sq. In.


Office Beige (OB)


Office Gray (OG)


Office Slate (OS)


Medium Tone (MT)

Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Pkg. Qty.	Std. Ctn. Qty.
OFR20OB6	Office Furniture Raceway. 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"	Office Beige	6	6	48

‡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.

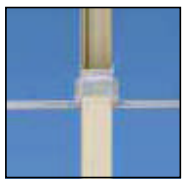
PAN-WAY® Office Furniture Raceway Fittings

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


OFCR70


OFCRC70


OFVR5


OFR20CP

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 to desk mount box (OFR20DMB**) and must be used with OFR20SO** or OFR20DSO**. Available in 6' lengths.	—	Office Beige	6	120
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	—

‡For other colors, replace OB (Office Beige) with OS (Office Slate), OG (Office Gray) or MT (Medium Tone).
**Computer printable labels found on pages E2.1 – E2.30.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PAN-WAY® Office Furniture Raceway Fittings (continued)


OFR20OFCR70**4


OFR20OFCR70**2


OFR20OFCR70**1


OFR20OFCR70**1P


OFR20OFCR70**2P


OFR20OFCR70**4P

Part Number	Part Description	Labels Required	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
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).
**Computer printable labels found on pages E2.1 – E2.30.

PAN-WAY® Office Furniture Raceway Fittings (continued)


OFRCR70EC


OFR20SO


OFR20DSO


OFR20DMB


OFR20MPT


OFR20WE


OFR20RA


OFR20T


OFR20CR


OFR20IC


OFR20OC


OFR20CC

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". 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. 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
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

‡For other colors, replace OB (Office Beige) with OS (Office Slate), OG (Office Gray) or MT (Medium Tone).
**Computer printable labels found on pages E2.1 – E2.30.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PAN-WAY® Office Furniture Raceway Fittings (continued)


OFR20LC


OFR20EC


OF70FH2


OF70FV2


OF70FH4


OF70FV4

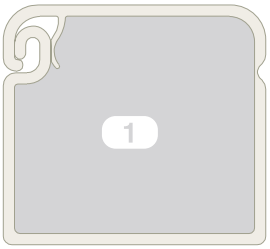

T70SDB-X

Part Number	Part Description	Labels Required	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
OFR20LCOB	Long Coupler Fitting. 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.	—	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.	—	Gray	10	—

‡For other colors, replace OB (Office Beige) with OS (Office Slate), OG (Office Gray) or MT (Medium Tone).
**Computer printable labels found on pages E2.1 – E2.30.

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 in²

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.

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

	Raceway Type & Configuration	Fill Area (in²)	Data Grade Cable 24 AWG/UTP CM Cat 5e (4pr) DIA. = .217 FILL		Data Grade Cable 24 AWG/UTP CM Cat 6 (4pr) DIA. = .250 FILL		Audio/Video Cable RG6 DIA. = .275 FILL		Fiber Optic Cable 2 Strand DIA. = .175 FILL	
			SPEC (40%)	MAX (60%)	SPEC (40%)	MAX (60%)	SPEC (40%)	MAX (60%)	SPEC (40%)	MAX (60%)
1.	OFR20: No Devices.	2.30	24	37	18	28	15	23	38	57

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 & CSA rated 600V

Bend radius control is maintained throughout the entire system as required by TIA/EIA-568-B and 569-B

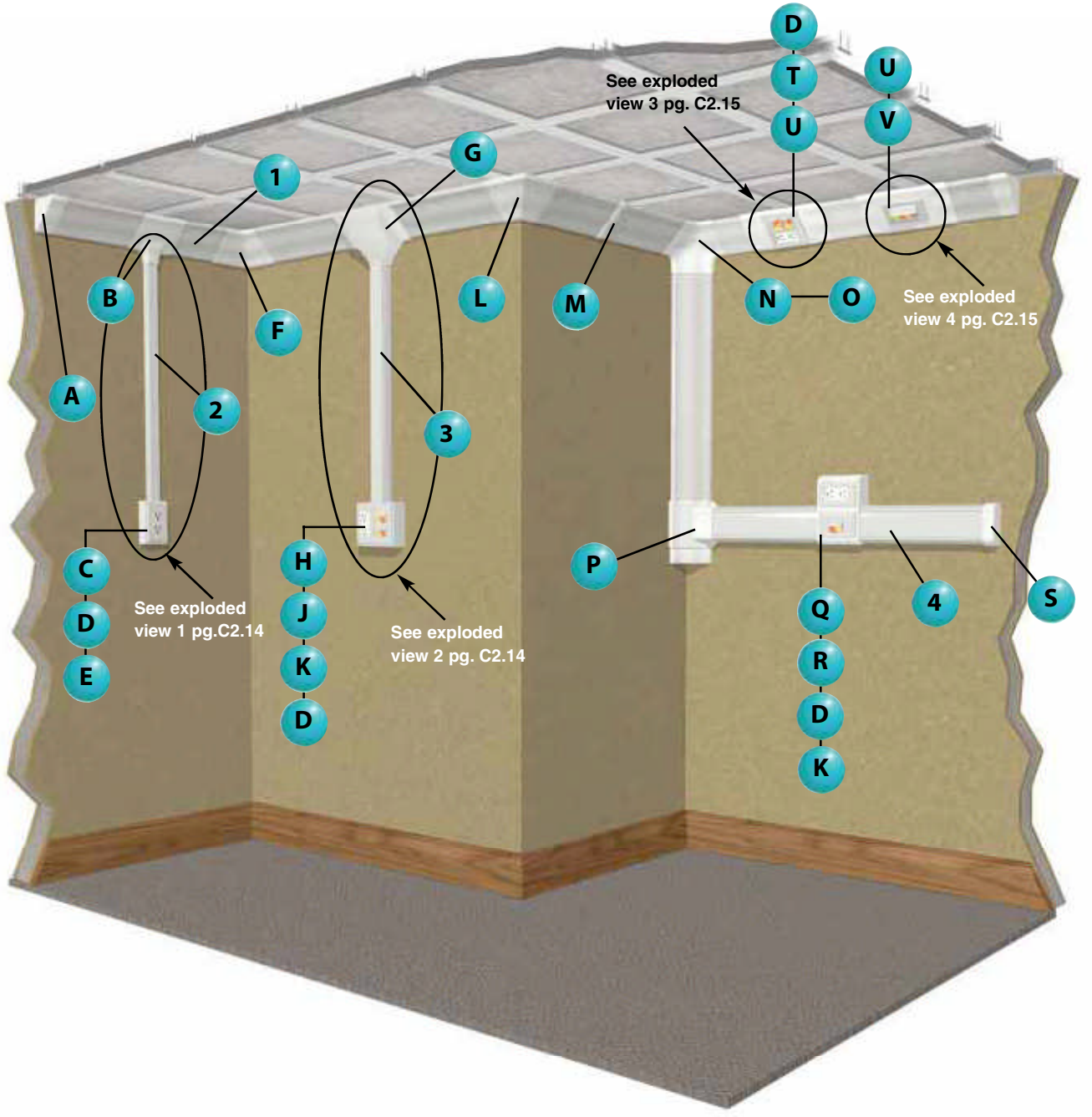
Product mounts high out of reach for increased tamper resistance

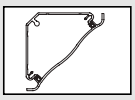
Divided channel system allows for routing and terminations of both power and data cabling

Raceway and fitting covers may be painted to match any décor

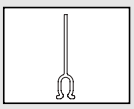
PAN-WAY® Cove Raceway includes a full complement of fittings and transitions easily to other *PANDUIT* raceway such as LD, LDPH, LD2P10, T-45 and T-70.

Cove Raceway Roadmap



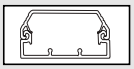


1 WCM35BIW, WCM35CIW – Cove Raceway Base and Cover (page C2.16)

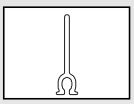


1 WCM35DW – Cove Raceway Divider Wall (page C2.16)

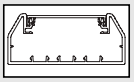
2 LDPH10** – LDPH10 Raceway (page C2.77)



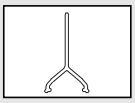
3 T45B**, T45C** – T-45 Raceway Base and Cover (page C2.48)



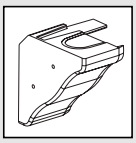
3 T45DW – T-45 Raceway Divider Wall (page C2.48)



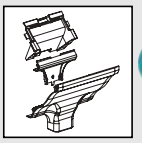
4 T70B**, T70C** – T-70 Raceway Base and Cover (page C2.36)



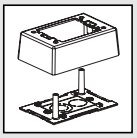
4 T70DW – T-70 Raceway Divider Wall (page C2.36)



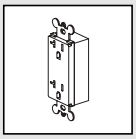
A WCM35ECIW – Cove Raceway End Cap (page C2.17)



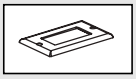
B WCM35TR10IW – Cove Raceway Low Profile Transition Fitting for LD/LDPH10 Raceway (page C2.17)



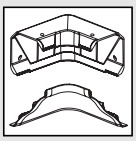
C JBP1** – Power Rated Single Gang Two-Piece Box (page C2.58)



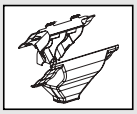
D ERU20** – 20A Rectangular Outlet (page C2.60)



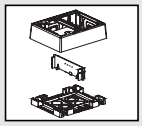
E CPG** – Single Gang Rectangular Electrical/Communication Screw-On Faceplate (page C2.59)



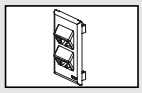
F WCM35ICIW – Cove Raceway Inside Corner Fitting (page C2.17)



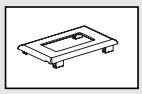
G WCM35TRIW – Cove Raceway Transition Fitting for T-45 and LD Series Raceways (page C2.17)



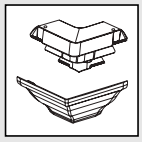
H JBP2FS** – *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box (page C2.52)



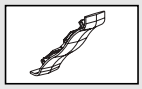
J T70FV4** – Snap-On Vertical Sloped Communication Faceplate (page C2.52)



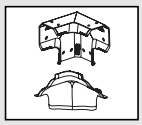
K T70PG** – Single Gang Rectangular Electrical/Communication Snap-On Faceplate (page C2.54)



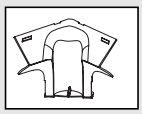
L WCM35OCIW – Cove Raceway Outside Corner Fitting (page C2)



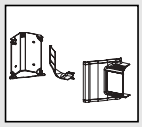
M WCM35CCIW – Cove Raceway Cover Coupler Fitting (page C2.17)



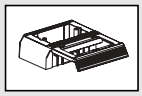
N WCM35TIW – Cove Raceway Tee Fitting (page C2.17)



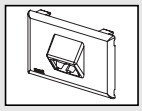
O WCM35TI – Cove Raceway Tee Fitting Insert (page C2.17)



P WCM35TR70IW – Cove Raceway Low Profile Transition Fitting for T-70 Raceway (page C2.17)

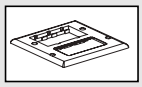


Q T70WC2** – T-70 *WORKSTATION OUTLET CENTER*™ Offset Box for Snap-On Faceplates (page C2.37)

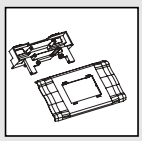


R T70FH2** – Snap-On Horizontal Sloped Communication Faceplate (page C2.52)

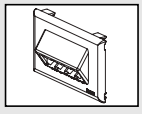
S T70EC** – T70 Raceway End Cap Fitting (page C2.37)



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



U WCM35DBFIW – Cove Raceway Device Box and Faceplate Adapter (page C2.17)

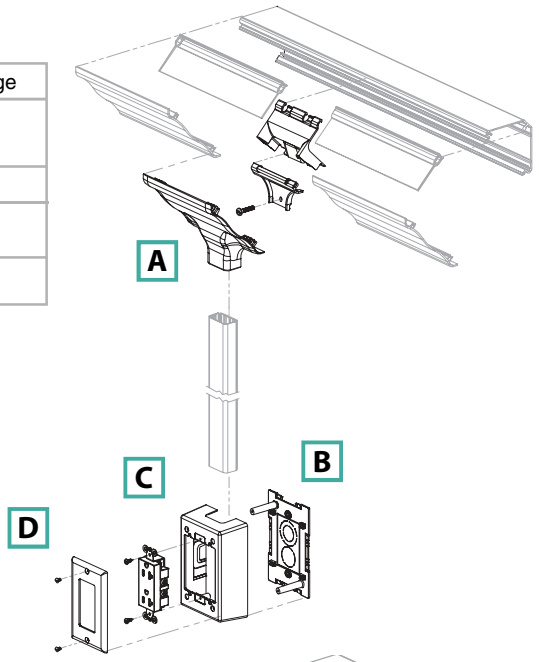


V T70FH4** – Snap-On Horizontal Sloped Communication Faceplate (page C2.52)

Cove Configurations

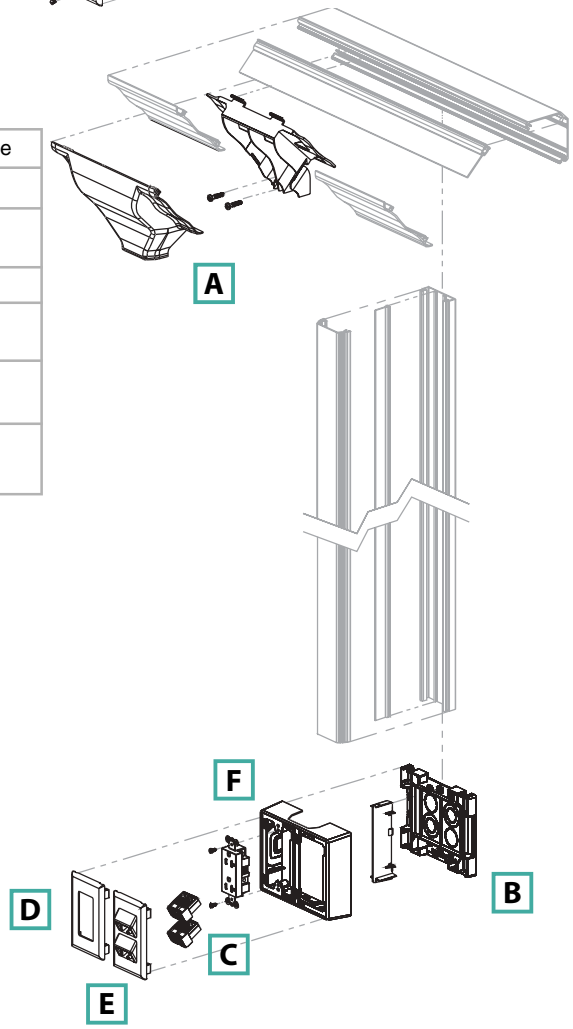
Exploded view 1

	Components Required	See page
A.	WCM35TR10 = Cove Raceway Low Profile Transition Fitting for LD/LDP10 Raceway.	C2.17
B.	JBP1 = Power Rated Single Gang Two-Piece Box.	C2.58
C.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
D.	CPG = Screw-On Single Gang Rectangular Faceplate.	C2.59



Exploded view 2

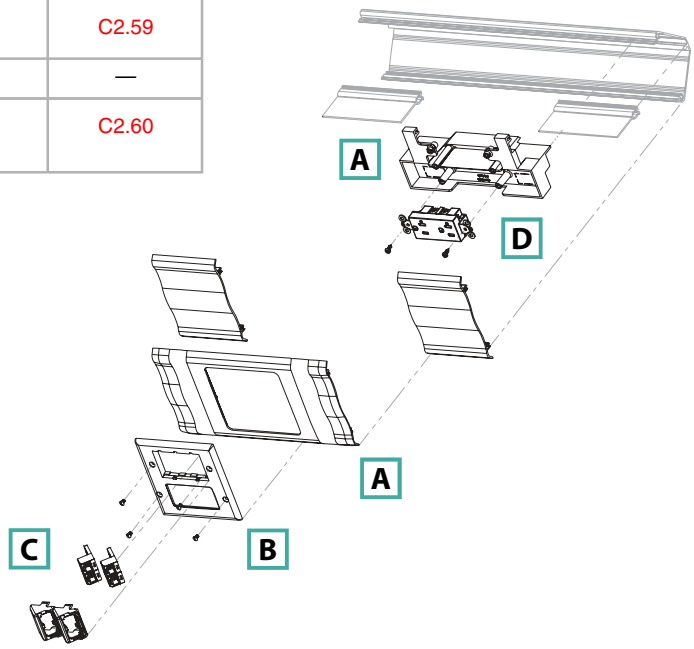
	Components Required	See page
A.	WCM35TR = Cove Raceway Transition Fitting.	C2.17
B.	JBP2FS = *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box.	C2.52
C.	*PANDUIT*® *MINI-COM*® Modules.	—
D.	T70PG = Single Gang Rectangular Electrical/Communication Snap-On Faceplate.	C2.54
E.	T70FV4 = Snap-On Vertical Sloped Communication Faceplate.	C2.52
F.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60



Cove Configurations (continued)

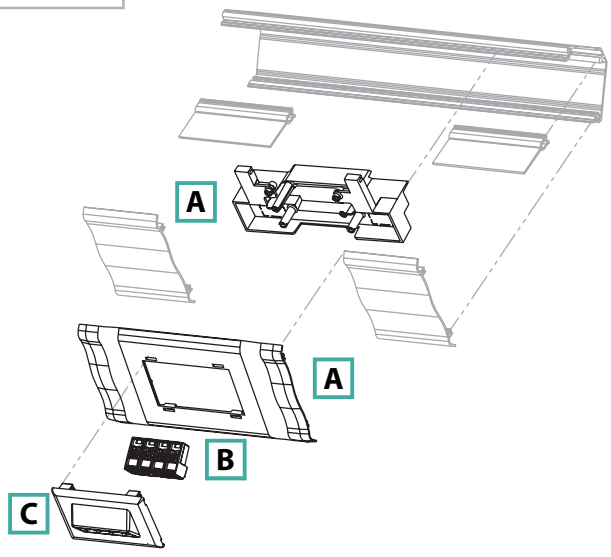
Exploded view 3

	Components Required	See page
A.	WCM35DBF = Cove Raceway Device Box and Faceplate Adapter.	C2.17
B.	FP2RC = *PAN-WAY®* Classic Series Faceplates for Power and Communication.	C2.59
C.	*PANDUIT® MINI-COM®* Modules.	—
D.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60



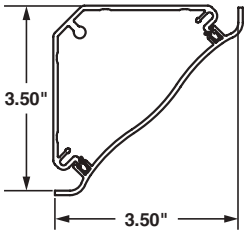
Exploded view 4

	Components Required	See page
A.	WCM35DBF = Cove Raceway Device Box and Faceplate Adapter.	C2.17
B.	*PANDUIT® MINI-COM®* Modules.	—
C.	T70FH4 = Snap-On Horizontal Sloped Communication Faceplate.	C2.52



PAN-WAY® Cove Raceway System

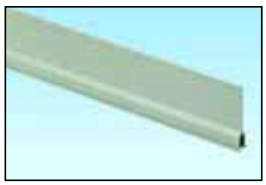
- UL and CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Bend radius control is maintained throughout the entire Cove Raceway System as required by TIA/EIA-568-B and 569-B
- Tamper resistant
- Transitions to *PANDUIT* T-70, T-45, and LD Profile Raceways
- Cove raceway and fittings may be painted to blend with any decor
- Supplied with pre-punched mounting holes



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

WCM35BIW8

WCM35CIW8



WCM35DW8

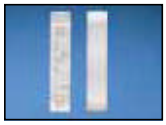
Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Ctn. Qty.
Cove Raceway Base					
WCM35BIW8	Cove Raceway Base is available in 8' lengths and is used for mounting in the horizontal corner between the ceiling and wall or vertical corner between walls.	3.50" x 3.50"	Off White	8	64
Cove 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

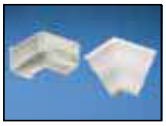
‡All parts available in IW (Off White) only except for WCM35DW8 which is available in Gray only.
Order number of feet required in multiples of standard carton quantity.
Order raceway base and cover separately.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

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


WCM35CCIW-X


WCM35ICIW


WCM35OCIW


WCM35TIW


WCM35TI


WCM35ECIW


WCM35TRIW


WCM35TR5IW


WCM35TR10IW


WCM35TR70IW


WCM35DBFIW


WCM35BFIW

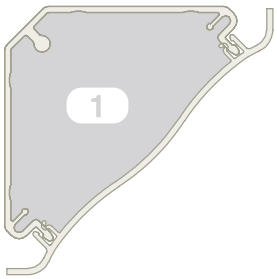

WCM35WR-X

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 Series Raceways.	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.

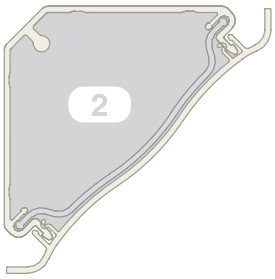
Cable Fill Capacities for Cove Raceway

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.



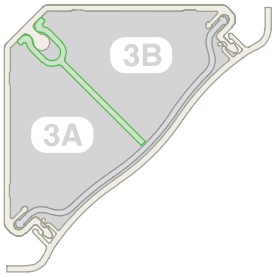
A = 5.4 in²

Cable fill #1: Open channel without Devices.



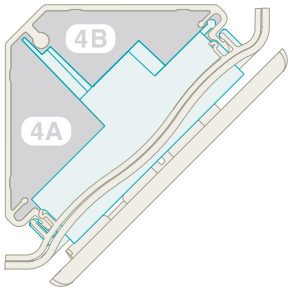
A = 5.0 in²

Cable fill #2: Open channel with Wire Retainer.



3A = 2.4 in² **3B = 2.4 in²**

Cable fill #3: Divided channel (power and data) with Wire Retainer and Divider Wall.



A = 1.6 in² **A = 1.4 in²**

Cable fill #4: Divided Channel (power and data) with Device Box and Faceplate.

A = 1.8 in² **A = 2.4in²**

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.

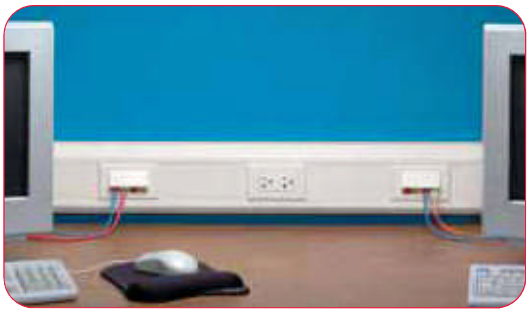
MAX for Data = 60% cable fill – The maximum cable quantity based on cable interweaving and packing factors.

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

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		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 5e (4pr)		Cat 6 (4pr)					
			.105	.122	.153	DIA. = .217		DIA. = .250		DIA. = .275		DIA. = .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	58	87	44	66	29	43	89	134
2.	WCM35: Using Wire Retainer – No Devices.	5	50	40	30	54	81	41	61	26	40	83	124
3A.	WCM35: Power and data using Wire Retainer and Divider Wall.	2.4	—	—	—	25	38	19	28	13	19	39	58
3B.		2.4	30	25	20	—	—	—	—	13	19	22	—
4A.	WCM35: Power and data using DBF.	1.6	—	—	—	17	25	13	19	10	16	26	35
4B.		1.4	25	25	20	—	—	—	—	—	—	—	—
5A.	WCM35: Power and data using Low Profile Transition Insert.	1.8	25	25	20	19	29	14	22	12	18	29	44
5B.		2.5	—	—	—	25	38	19	28	13	19	39	58

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

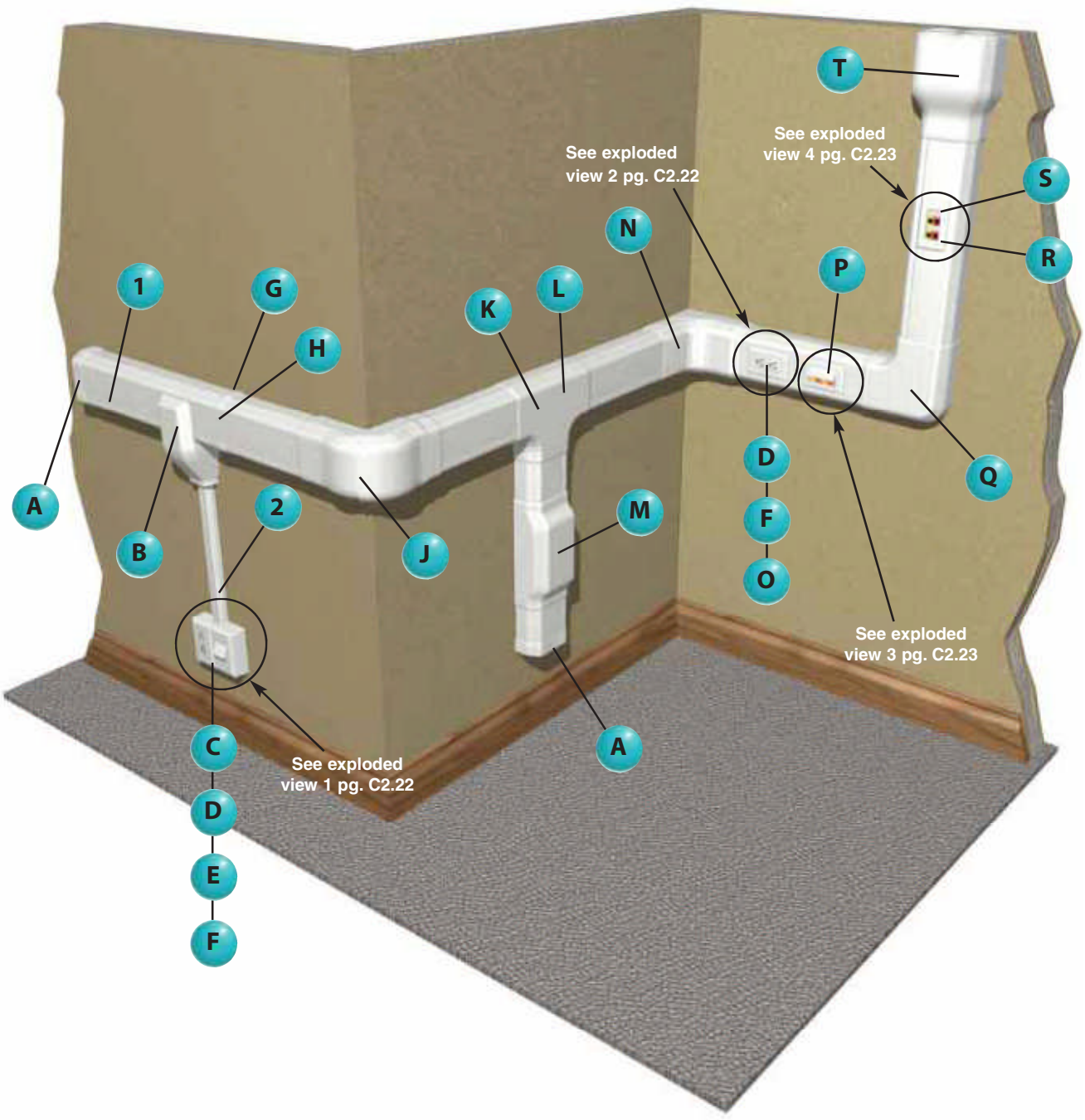
PAN-WAY® TG-70 Non-Metallic Surface Raceway is a multi-channel raceway, which provides a solution for routing copper, fiber optic and/or power cabling when maximum cable capacity is required.

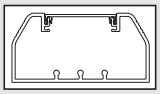


- **Large raceway channel provides maximum capacity**
- **Fittings maintain (1.6") 40mm bend radius control**
- **Multi-channel two-piece design**
- **Aesthetically pleasing**
- **Lightweight**
- **Tamper resistant**

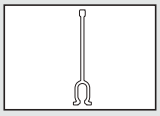
The TG-70 Raceway System consists of raceway base and cover, fittings, termination hardware and accessories. PAN-WAY® TG-70 Raceway can mount NEMA standard screw-on faceplates or superior PAN-WAY® Snap-On Faceplates directly to the channel. Fittings for TG-70 are available to transition to PAN-WAY® T-45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

TG-70 Raceway Roadmap

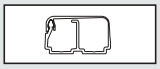




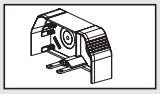
1 TG-70** – TG-70 Raceway Base and Cover (page C2.24)



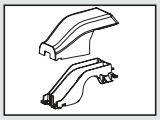
1 TGDW – TG-70 Raceway Divider Wall (page C2.24)



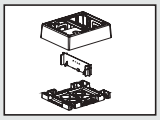
2 LD2P10** – Raceway (page C2.75)



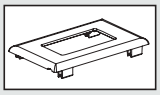
A TGEC** – TG-70 End Cap (page C2.75)



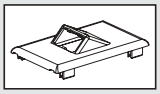
B TGTR** – TG-70 Transition Fitting (page C2.25)



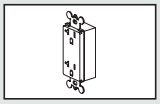
C JBP2FS** – *FAST-SNAP*™ Double Gang Power Rated Surface Mount Box (page C2.52)



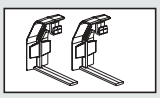
D T70PG** – Single Gang Rectangular Electrical/ Communication Snap-On Faceplate (page C2.54)



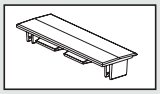
E T70FV2** – Snap-On Vertical Sloped Communication Faceplate (page C2.52)



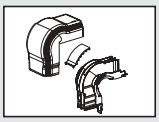
F ERU20** – 20A Rectangular Electrical Outlet (page C2.60)



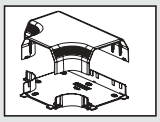
G TG70BC** – TG-70 Base Couplers (page C2.25)



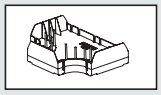
H T70CC** – T-70 Cover Couplers (page C2.25)



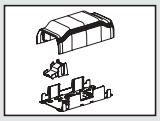
J TGOC** – TG-70 Outside Corner Fitting (page C2.25)



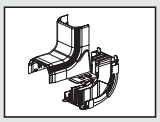
K TGT** – TG-70 Tee Fitting (page C2.25)



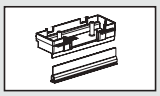
L TGTD – TG Tee Divider (page C2.25)



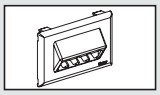
M TGBF** – TG-70 Backfeed Fitting (page C2.25)



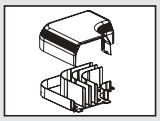
N TGIC** – TG-70 Inside Corner Fitting (page C2.25)



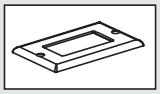
O TG70HB3-X – TG-70 Hanging Box with Divider Wall (page C2.26)



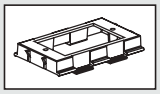
P T70FH4** – Snap-On Horizontal Sloped Communication Faceplate (page C2.52)



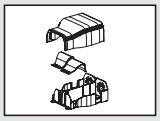
Q TGRA** – TG-70 Right Angle Fitting (page C2.25)



R CPG** – Single Gang Rectangular Power and Communication Faceplate (page C2.59)



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

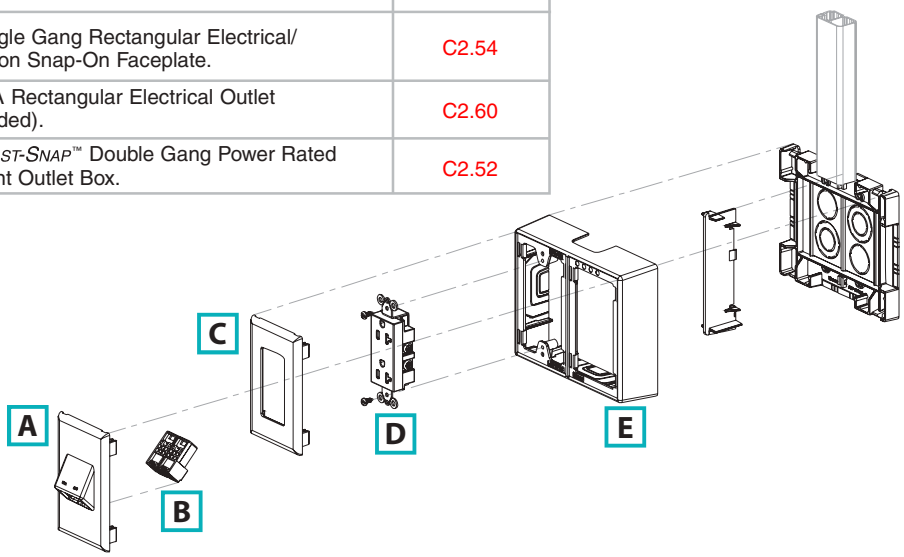


T TGEE** – TG-70 Entrance End Fitting (page C2.25)

TG-70 Configurations

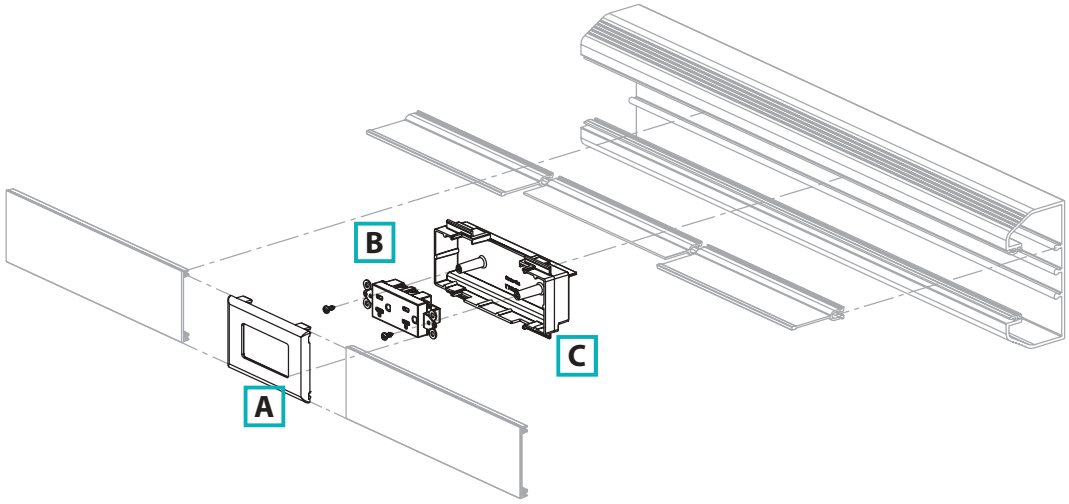
Exploded view 1

	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.	C2.54
D.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
E.	JBP2FS = *FAST-SNAP™* Double Gang Power Rated Surface Mount Outlet Box.	C2.52



Exploded view 2

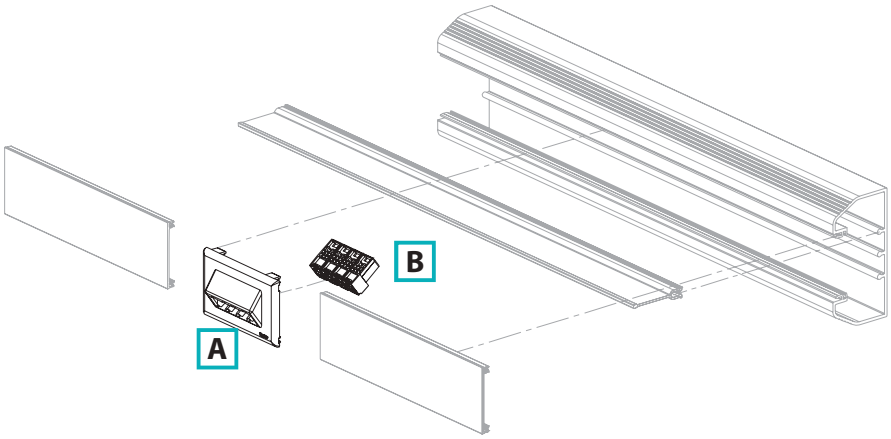
	Components Required	See page
A.	T70PG = Single Gang Rectangular Electrical Communication Faceplate.	C2.54
B.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
C.	TG70HB3 = TG-70 Three-Sided Hanging Box.	C2.26



TG-70 Configurations (continued)

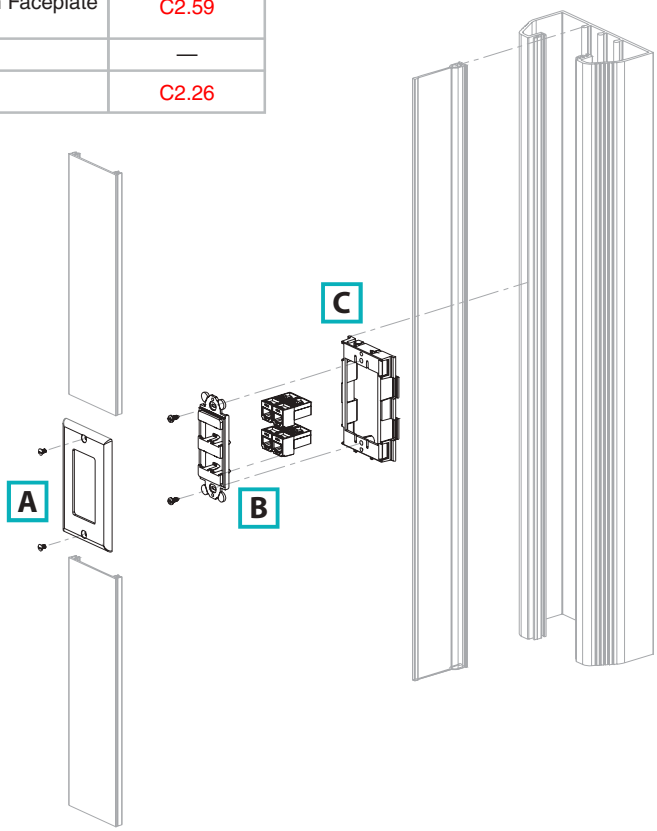
Exploded view 3

	Components Required	See page
A.	T70FH4 = Snap-On Horizontal Sloped Communication Faceplate.	C2.52
B.	*PANDUIT® MINI-COM®* Modules.	—



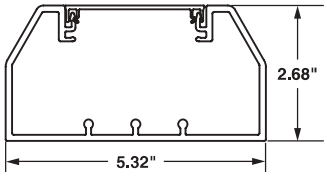
Exploded view 4

	Components Required	See page
A.	CPG = Single Gang Rectangular Screw-On Faceplate (screws included).	C2.59
B.	*PANDUIT® MINI-COM®* Modules.	—
C.	T70DB = T70 Device Bracket.	C2.26



PAN-WAY® TG-70 Surface Raceway System

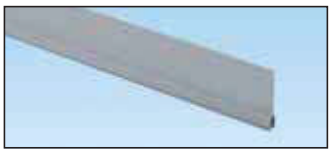
- UL & CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Large cable capacity with aesthetically pleasing design
- Tamper resistant
- Compatible with NEMA standard faceplates or *PAN-WAY*® Classic Series Snap-On Faceplates
- Transitions to *PANDUIT* T-45 and LD Profile Raceway
- Supplied with pre-punched mounting holes



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 and Cover in 8' and 10' lengths. Supplied with pre-punched mounting holes.	5.32" x 2.68"	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.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

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

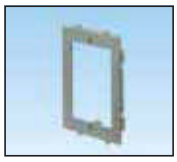
Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70CCIW-X	Cover Coupler Fitting. Used to join sections of cover together.	Off White	10	100
TG70BCIW-X	Base Coupler Fitting. Each piece includes two base coupler halves for joining sections of TG-70 Base together.	Off White	10	—
TGRAIW	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 outside 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 ½" (16mm) and 1" (27mm) 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).

PAN-WAY® TG-70 Raceway Accessories

- 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

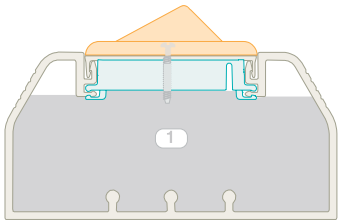
Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
T70DB-X	Device Mounting Bracket. Used to mount NEMA standard single gang electrical outlets and communication devices with either screw-on or snap-on single gang faceplates. Can be used with T-70, Twin-70, and TG-70 Raceways.	Gray	10	—
T70SDB-X	Standard Faceplate Bracket. Used to mount NEMA standard 70mm single gang screw-on faceplates.	Gray	10	—
TG70HB3-X	Three-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 Three-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

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

Prime items appear in **BOLD**.

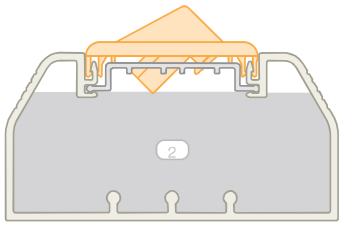
Cable Fill Capacities for TG-70 Raceway

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.



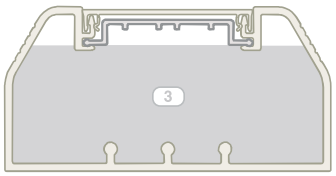
A = 10.09 in²

Cable fill #1: With Data only using Screw-On Faceplates and devices.



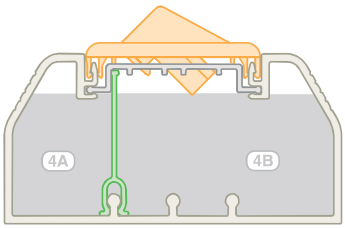
A = 10.68 in²

Cable fill #2: With Data only using Snap-On Faceplates and Wire Retainer.



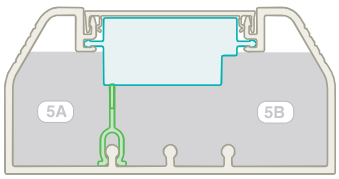
A = 10.85 in²

Cable fill #3: With Wire Retainer.



A = 3.16 in² **A = 7.20 in²**

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



A = 3.08 in² **A = 5.58 in²**

Cable fill #5: With Power and data using Snap-On Faceplates and 3-Sided Power 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 number of electrical cables based on UL temperature rise test.

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		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 5e (4pr)		Cat 6 (4pr)					
			.105	.122	.153	DIA. = .217		DIA. = .250		DIA. = .275		DIA. = .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.	TG-70: Data only using Screw-On Faceplates and Devices.	10.09	—	—	—	92	138	82	123	53	80	164	247
2.	TG-70: Data only using Snap-On Faceplates and Wire Retainer.	10.68	—	—	—	97	146	87	130	56	85	174	261
3.	TG-70: Wire Retainer without devices.	10.85	40	40	38	99	148	88	132	57	86	177	265
4A.	TG-70: Divided power and data (A).	3.16	28	28	26	28	43	25	38	17	25	51	77
4B.	TG-70: Divided power and data (B).	7.2	—	—	—	65	98	58	88	38	57	117	176
5A.	TG-70: Power and data using Snap-On Faceplates and 3-Sided Power Box (A).	3.08	28	28	26	28	42	25	37	16	24	50	75
5B.	TG-70: Power and data using Snap-On Faceplates and 3-Sided Power Box (B).	5.58	—	—	—	51	76	45	68	30	44	91	136

Notes

PAN-WAY® T-70 & 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

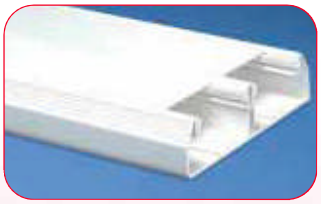
Lightweight

Tamper resistant

Fittings maintain 1" bend radius control

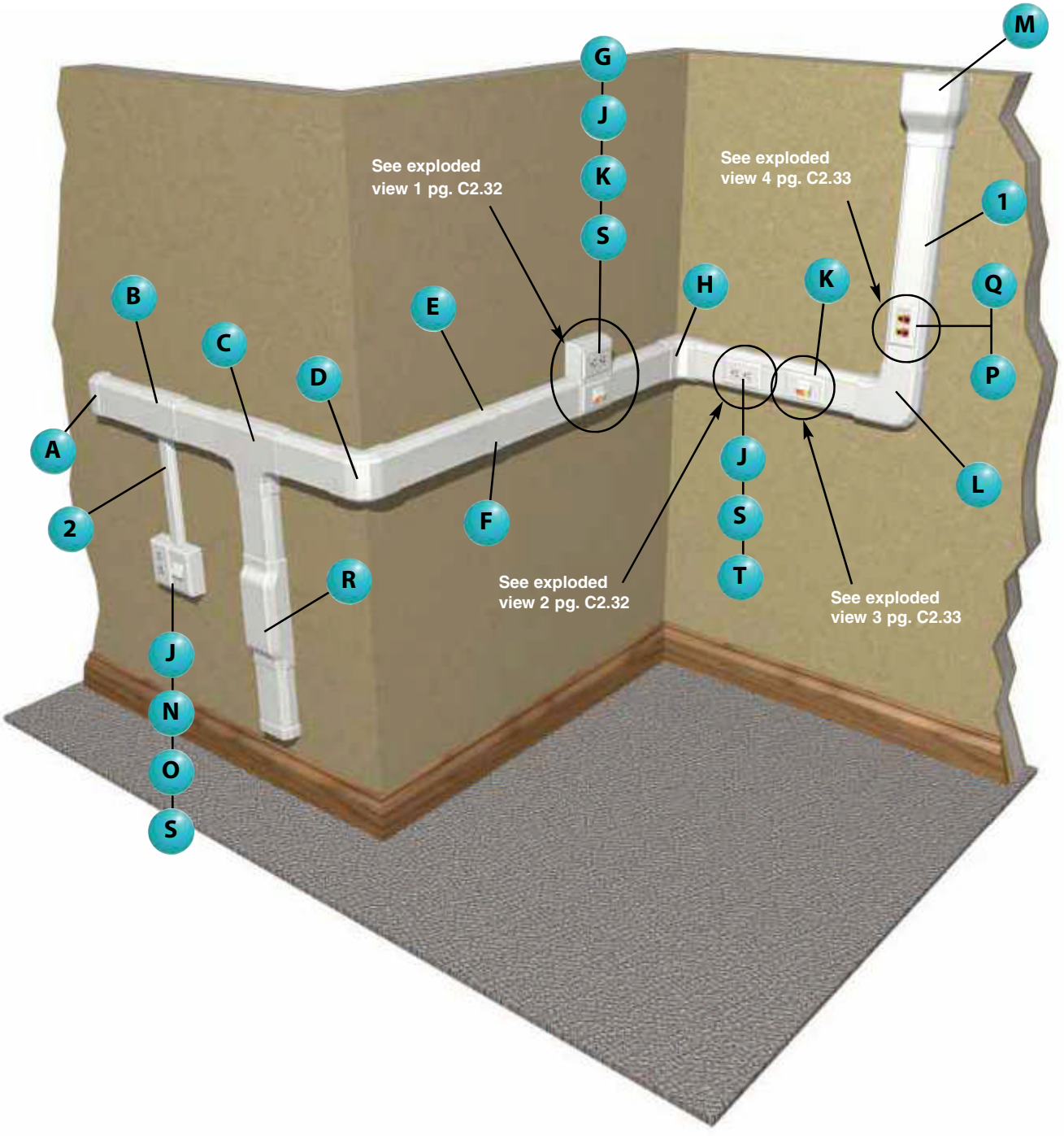
T-70 utilizes a single channel with snap-in divider wall to provide multi-channel capability

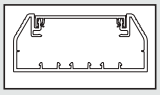
Twin-70 utilizes two independent channels and covers to provide multi-channel capability



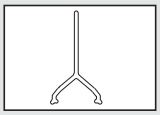
The T-70 and Twin-70 raceway systems consist of raceway base and cover, fittings, termination hardware and accessories. PAN-WAY® T-70 and Twin-70 raceway can mount NEMA standard screw-on faceplates or superior PAN-WAY® Snap-On Faceplates directly to the channel. Fittings for T-70 and Twin-70 are available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

T-70 Raceway Roadmap

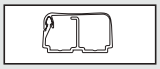




1 **T70B**, T70C** – T-70 Base and Cover (page C2.36)**

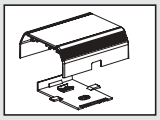


1 **T70DW – T-70 Divider Wall (page C2.36)**

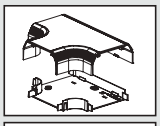


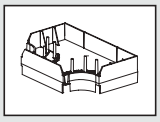
2 **LD2P10** – LD2P10 Raceway (page C2.75)**

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

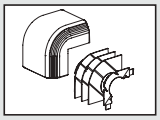


B **T70TR** – T-70 Transition Fitting (page C2.37)**

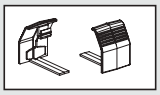




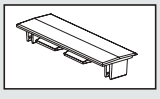
C **T70T** – T-70 Tee Fitting
T70TD – T-70 Tee Divider (page C2.37)**



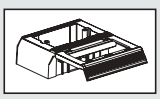
D **T70OC** – T-70 Outside Corner Fitting (page C2.37)**



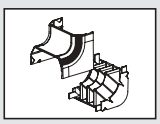
E **T70BC** – T-70 Base Coupler Fitting (page C2.36)**



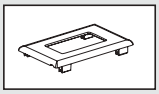
F **T70CC** – T-70 Cover Coupler Fitting (page C2.36)**



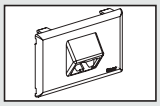
G **T70WC2** – T-70 *Workstation Outlet Center*™ Offset Box for Snap-On Faceplates (page C2.37)**



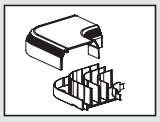
H **T70IC** – T-70 Inside Corner Fitting (page C2.36)**



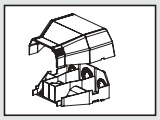
J **T70PG** – Single Gang Rectangular Electrical Communication Snap-On Faceplate (page C2.53)**



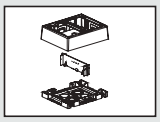
K **T70FH2** – Snap-On Horizontal Sloped Communication Faceplate (page C2.52)**



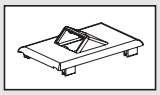
L **T70RA** – T-70 Right Angle Fitting (page C2.36)**



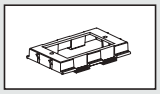
M **T70EE** – T-70 Entrance End Fitting (page C2.37)**



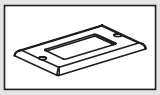
N **JBP2FS** – *Fast-Snap*™ Double Gang Power Rated Surface Mount Outlet Box (page C2.58)**



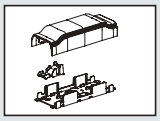
O **T70FV2** – Vertical Sloped Communication Snap-On Faceplate (page C2.53)**



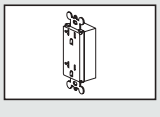
P **T70DB-X – T-70 Device Bracket (page C2.40)**



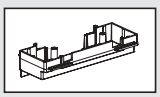
Q **CPG** – Single Gang Rectangular Screw-On Faceplate (page C2.55)**



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



S **ERU20** – 20A Rectangular Electrical Outlet (page C2.56)**

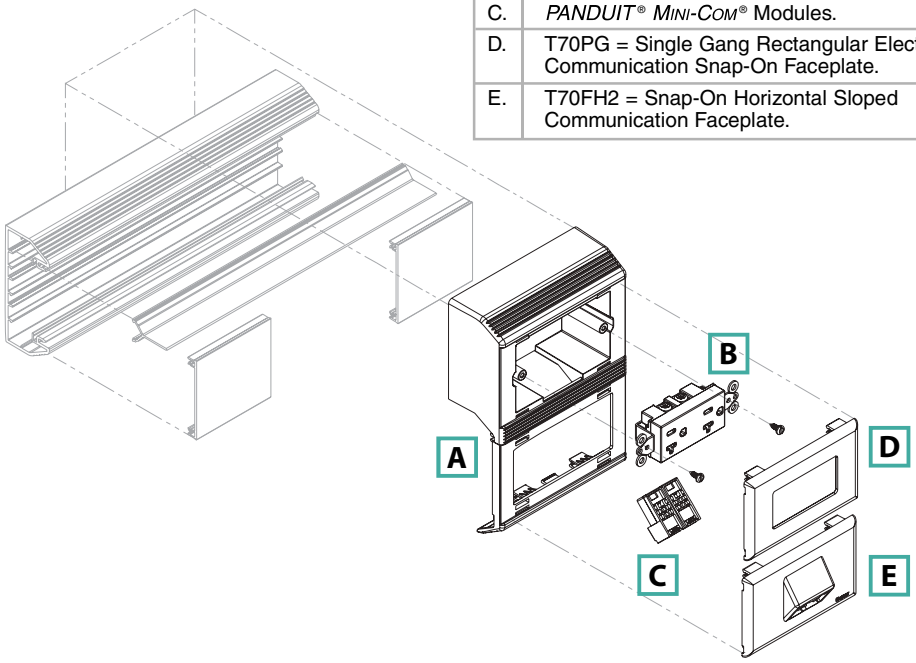


T **T70HB3-X – Three-Sided Hanging Box (page C2.40)**

T-70 Configurations

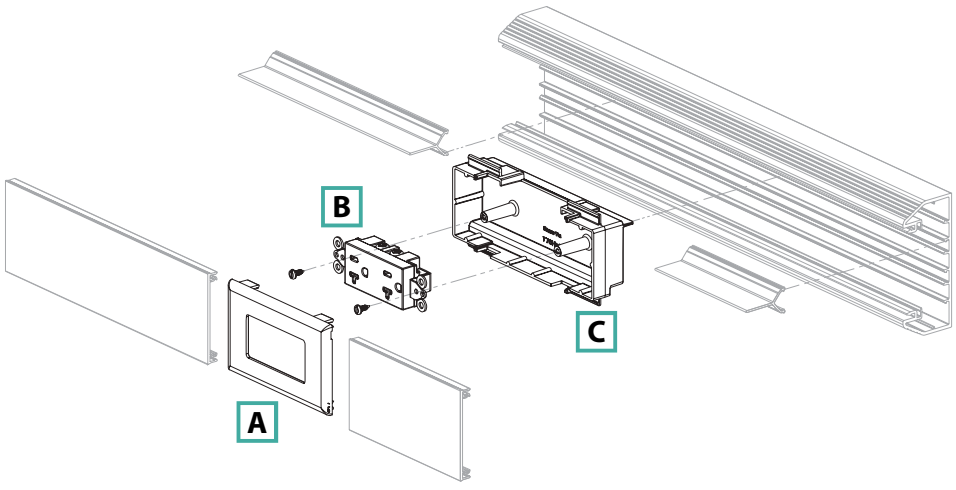
Exploded view 1

	Components Required	See page
A.	T70WC2 = T-70 *Workstation Outlet Center*™ Offset Box for Snap-On Faceplates.	C2.37
B.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
C.	*PANDUIT*® *Mini-Com*® Modules.	—
D.	T70PG = Single Gang Rectangular Electrical/ Communication Snap-On Faceplate.	C2.53
E.	T70FH2 = Snap-On Horizontal Sloped Communication Faceplate.	C2.52



Exploded view 2

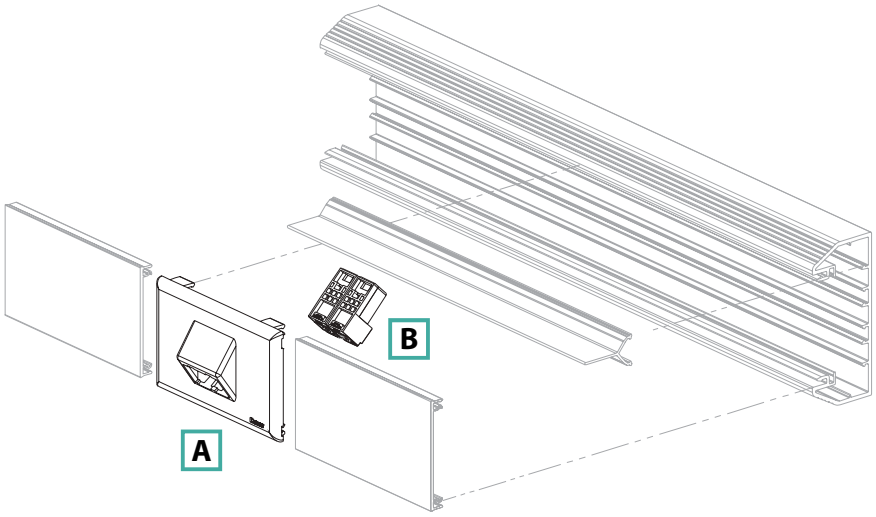
	Components Required	See page
A.	T70PG = Single Gang Rectangular Electrical/ Communication Snap-On Faceplate.	C2.53
B.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
C.	T70HB3-X = Three-Sided Hanging Box.	C2.40



T-70 Configurations (continued)

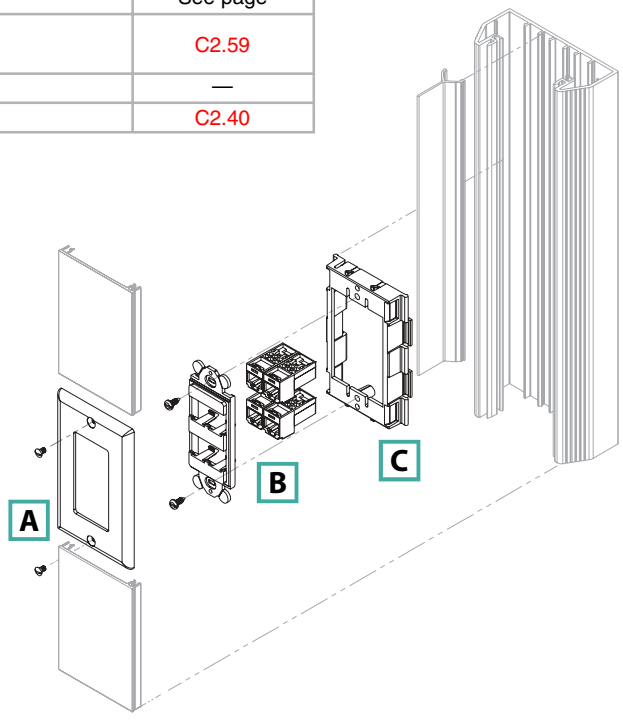
Exploded view 3

	Components Required	See page
A.	T70FH2 = Snap-On Horizontal Sloped Communication Faceplate.	C2.52
B.	*PANDUIT® MINI-COM®* Modules.	—

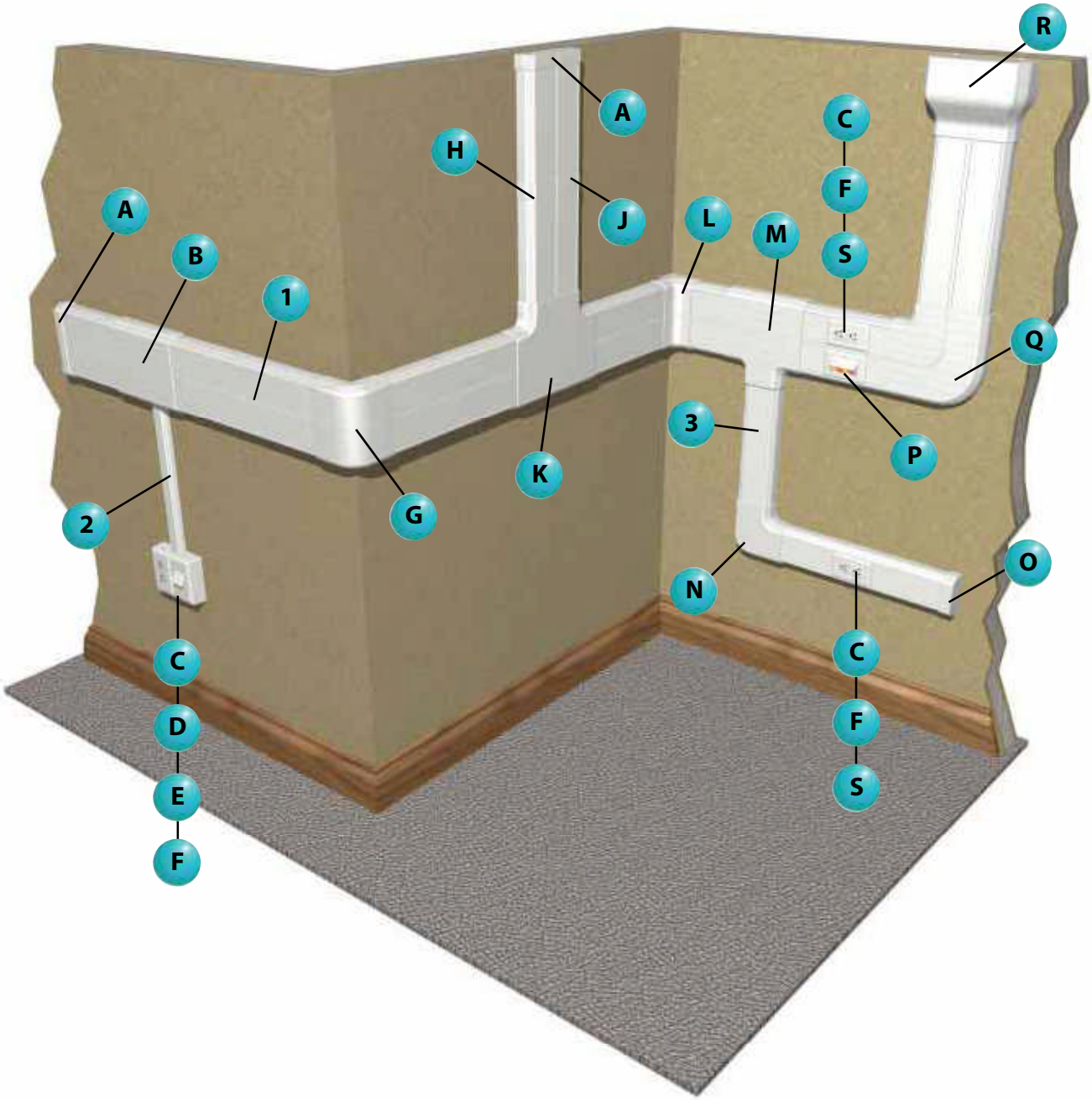


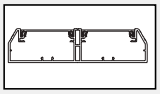
Exploded view 4

	Components Required	See page
A.	CPG = Single Gang Rectangular Screw-On Faceplates	C2.59
		—
		C2.40

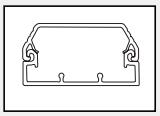


Twin-70 Raceway Roadmap

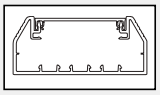




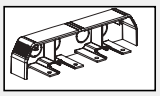
1 T702B**, T70C** – Twin-70 Raceway Base and Cover (page C2.38)



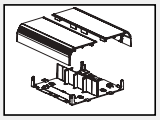
2 T45B**, T45C** – T-45 Raceway Base and Cover (page C2.48)



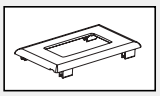
3 T70B**, T70C** – T-70 Raceway Base and Cover (page C2.36)



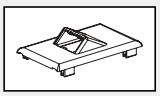
A T702EC** – Twin-70 End Cap Fitting (page C2.39)



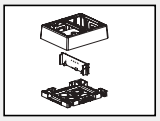
B T702TRL** – Twin-70 Transition Fitting (page C2.39)



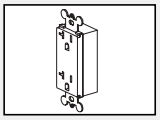
C T70PG** – Single Gang Rectangular Electrical/ Communication Snap-On Faceplate (page C2.53)



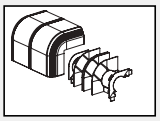
D T70FV2** – Vertical Sloped Communication Snap-On Faceplate (page C2.53)



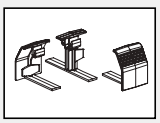
E JBP2FS** – *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box (page C2.58)



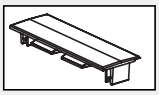
F ERU20** – 20A Rectangular Electrical Outlet (page C2.56)



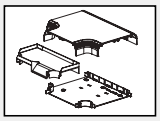
G T702OC** – Twin-70 Outside Corner Fitting (page C2.39)



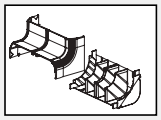
H T702BC** – Twin-70 Base Coupler Fitting (page C2.39)



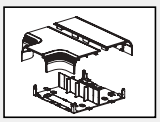
J T70CC** – T-70 Cover Coupler Fitting (page C2.36)



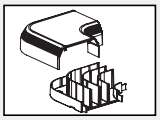
K T702T** – Twin-70 Tee Fitting (page C2.39)



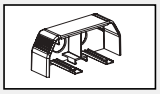
L T702IC** – Twin-70 Inside Corner Fitting (page C2.39)



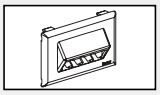
M T702TR** – Twin-70 Transition Fitting (page C2.39)



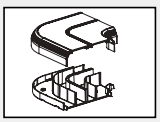
N T70RA** – T-70 Right Angle Fitting (page C2.36)



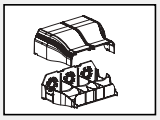
O T70EC** – T-70 End Cap Fitting (page C2.37)



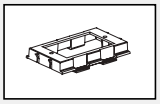
P T70FH4** – Snap-On Horizontal Sloped Communication Faceplate (page C2.52)



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



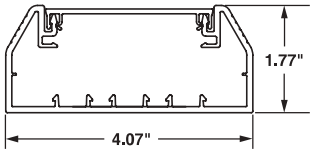
R T702EE** – Twin-70 Entrance End Fitting (page C2.39)



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

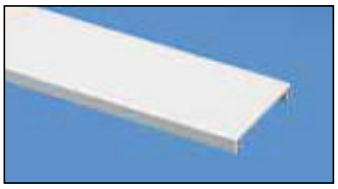
PAN-WAY® T-70 Surface Raceway System

- UL & CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- 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 Raceways
- Supplied with pre-punched mounting holes

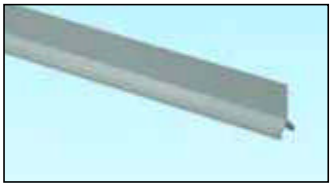


T-70
Internal Area = 5.15 Sq. In.

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"	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.

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

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

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


T70OC


T70T


T70TD


T70EC


T70EE


T70TR
T70TRC


T70TRI


T70WM40TR


T70BF


T70BFI


T70WC

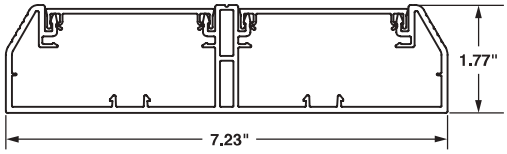

T70WC2

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
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* to T-70 Transition Fitting. In-line transition fitting from Wiremold G4000 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). T702TRI available in Gray only.
*Wiremold is a registered trademark of the Wiremold Co.

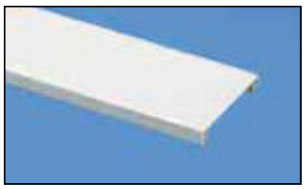
PAN-WAY® Twin-70 Surface Raceway System

- UL & CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Separate channels allow independent access to power and communication cabling throughout the entire system
- Transitions to *PANDUIT* T-70, T-45 and LD Profile Raceways
- Compatible with NEMA standard 70mm faceplates or *PAN-WAY*® Classic Series Snap-On Faceplates
- Tamper resistant
- Supplied with pre-punched mounting holes

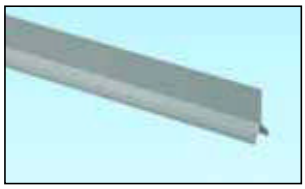


TWIN-70
Left Internal Area = 4.59 Sq. In.
Right Inrenal Area = 4.59 Sq. In.

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"	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).
Two feet of cover needed for every foot of Twin-70 Base.
Order number of feet required in multiples of standard carton quantity.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

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", 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.

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

- T-70 and Twin-70 accessories consist of device mounting brackets, snap-on device brackets, hanging boxes, and three-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 Raceways.	Gray	10	—
T70SDB-X	Standard Faceplate Bracket. Used to mount NEMA standard 70mm single gang screw-on faceplates.	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	Three-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 Three-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

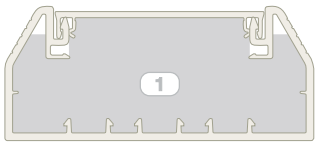

Use the T70FSB with T-70 or Twin-70 Raceway to contain 1m or more of fiber slack while maintaining a 30mm cable bend radius. Brackets are adjustable for slack length.


Use T70S-X Spacer Plate for mounting the CBX4 Surface Mount Box on T-70 or Twin-70.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

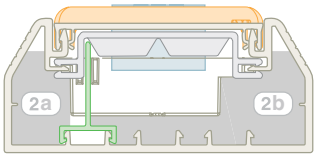
Cable Fill Capacities for T-70 Raceway

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.



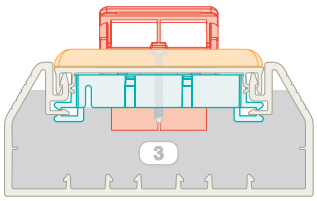
A = 5.15 in²

Cable fill #1: Raceway with no devices.



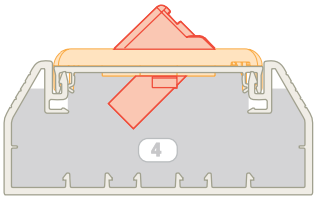
A = .86 in² A = 1.72 in²

Cable fill #2: Power and data using Three-Sided Hanging Box and Device Bracket.



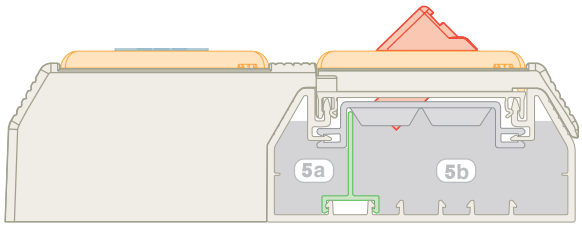
A = 3.67 in²

Cable fill #3: Data only using Vertical Sloped Screw-On Communication Faceplates.



A = 4.71 in²

Cable fill #4: Data only using Horizontal Sloped Snap-On Communication Faceplates.



A = .91 in² A = 3.12 in²

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.

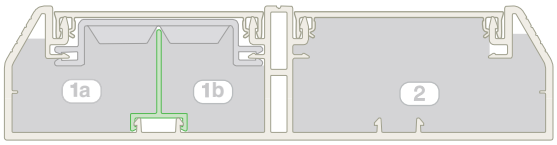
MAX for Data = 60% cable fill – The maximum cable quantity based on cable interweaving and packing factors.

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

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		Audio/Video		Fiber Optic Cable	
			14 AWG THHN/T90 .105 FILL	12 AWG THHN/T90 .122 FILL	10 AWG THHN/T90 .153 FILL	24 AWG/UTP CM Cat 5e (4pr) DIA. = .217 FILL		24 AWG/UTP CM Cat 6 (4pr) DIA. = .250 FILL		RG6 DIA. = .275 FILL		2 Strand DIA. = .175 FILL	
			MAX (UL Temp Rise Test)	MAX (UL Temp Rise Test)	MAX (UL Temp Rise Test)	SPEC (40%)	MAX (60%)	SPEC (40%)	MAX (60%)	SPEC (40%)	MAX (60%)	SPEC (40%)	MAX (60%)
1.	T-70: No devices.	5.15	24	20	15	55	83	41	62	27	41	86	129
2a.	T-70: Power and data using the Three-Sided Hanging Box and Device Bracket.	.86	14	11	7	9	14	7	10	5	7	14	21
2b.		1.72	—	—	—	19	28	14	21	9	14	29	43
3.	T-70: Data only (Screw-On Faceplates).	3.67	—	—	—	39	59	29	44	19	29	67	101
4.	T-70: Data only (Snap-On Faceplates).	4.71	—	—	—	50	76	38	57	25	37	83	125
5a.	T-70: Power and data using the *Workstation Outlet Center*™ Offset Box.	.91	14	11	7	9	14	7	11	5	7	15	23
5b.		3.12	—	—	—	33	50	25	38	17	25	52	78

Cable Fill Capacities for Twin-70 Raceway

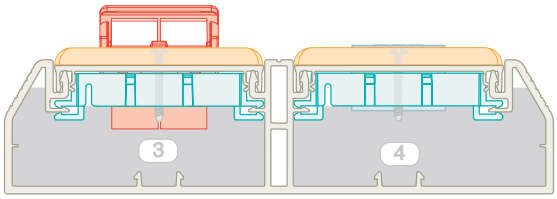
This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.



A = 2.05 in² | A = 1.43 in² | A = 4.59 in²

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

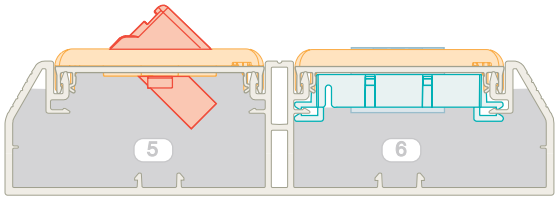
Cable fill #2: One Twin-70 Channel with no devices.



A = 3.11 in² | A = 3.32 in²

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 in² | A = 2.33 in²

Cable fill #5: Data only using Horizontal Sloped Snap-On Communication Faceplates.

Cable fill #6: 20A 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.

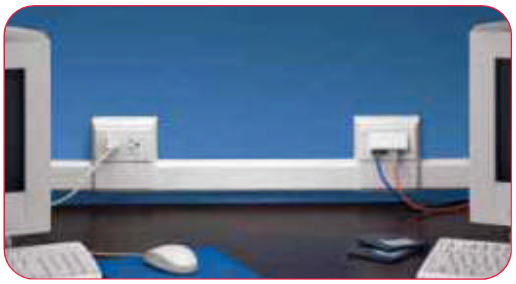
MAX for Data = 60% cable fill – The maximum cable quantity based on cable interweaving and packing factors.

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

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		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 5e (4pr)		Cat 6 (4pr)					
			.105	.122	.153	DIA. = .217		DIA. = .250		DIA. = .275		DIA. = .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, without devices.	2.05	—	—	—	22	33	16	25	18	27	34	51
1b.		1.43	—	—	—	15	23	11	17	12	19	24	36
2.	Twin-70: One channel (no devices).	4.59	—	—	—	49	74	37	56	24	36	76	115
3.	Twin-70: Data only (Screw-On Faceplate).	3.11	—	—	—	33	50	25	38	16	25	52	78
4.	Twin-70: Power only (Screw-On Faceplate).	3.32	15	13	13	35	53	27	40	18	26	55	83
5.	Twin-70: Data only (Snap-On Faceplate).	4.14	—	—	—	44	67	33	50	22	33	69	103
6.	Twin-70: TVSS Power (Snap-On Faceplate).	2.33	16	16	14	25	37	18	28	12	18	39	58

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

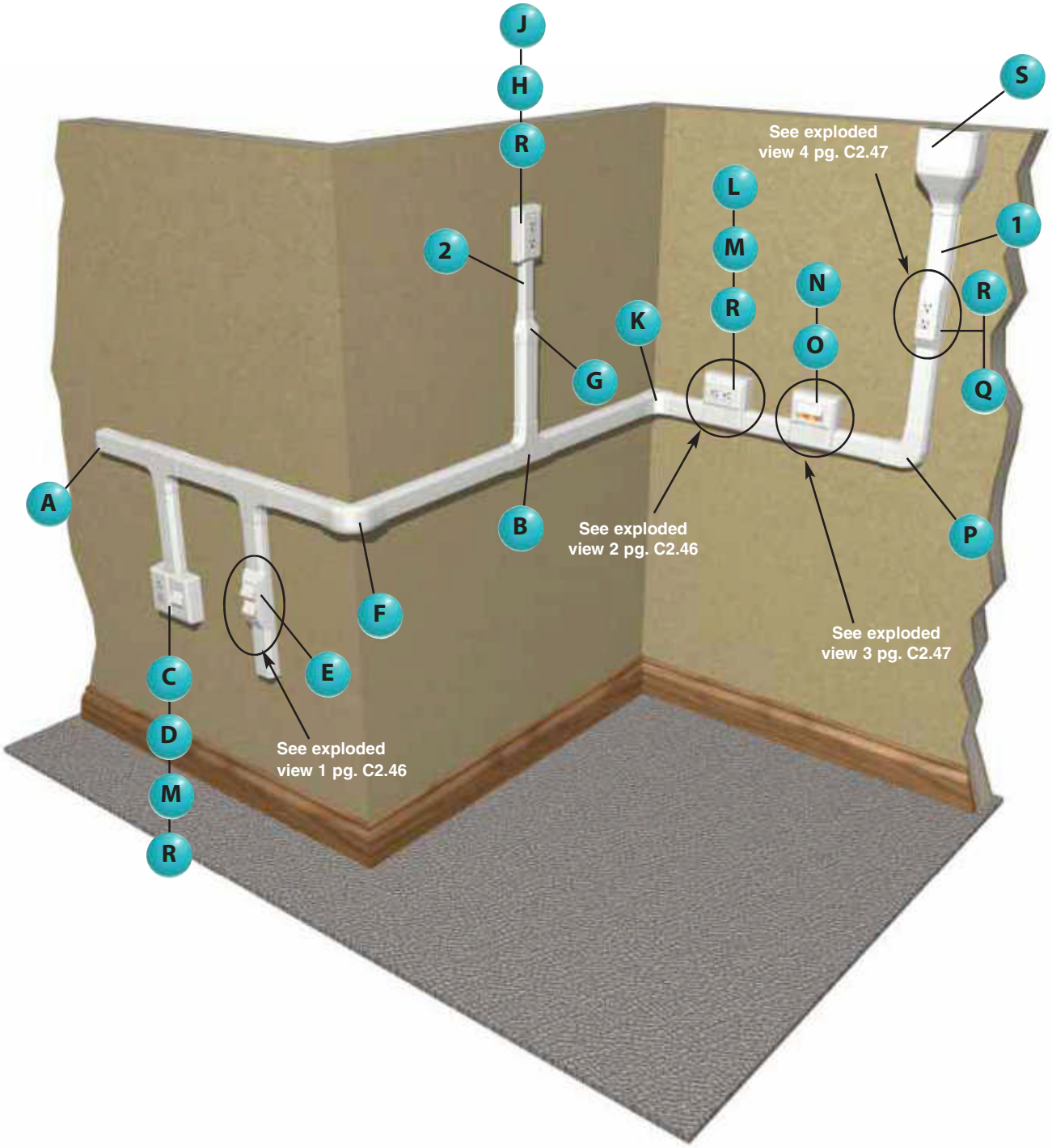
PAN-WAY® T-45 Non-Metallic Surface Raceway is a multi-channel raceway, which provides a solution for routing copper, fiber optic and/or power cabling along fixed perimeter walls. T-45 Surface Raceway terminates using the T-45 Hinged Data and Power Brackets, T-45 Offset Box and select PAN-WAY® Surface Mount Outlet Boxes.

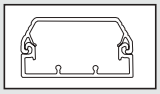


- **Multi-directional cover hinge allows cable installation from either side**
- **Hinged data and power brackets provide easy access for terminating outlets**
- **Aesthetically pleasing**
- **Lightweight**
- **Tamper resistant**
- **Fittings maintain 1" bend radius control**

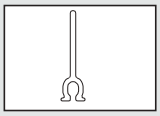
PAN-WAY® T-45 Surface Raceway accepts NEMA standard screw-on faceplates for superior PAN-WAY® Snap-On Faceplates when terminating with the T-45 Offset Box and Surface Mount Outlet Boxes. Fittings for T-45 are available to transition to PAN-WAY® LD Series Raceways.

T-45 Raceway Roadmap

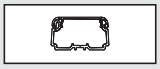




1 T45B**, T45C** – T-45 Raceway (page C2.48)



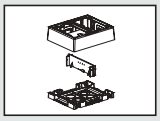
1 T45DW** – T-45 Divider Wall (page C2.48)



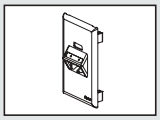
2 LDPH10** – LDPH10 Raceway (page C2.77)

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

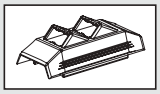
B T45T**and T45TD – T-45 Tee Fitting and Divider (page C2.49)



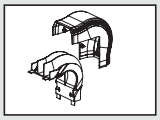
C JBP2FS** – *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box (C2.58)



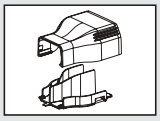
D T70FV2** – Snap-On Vertical Sloped Communication Faceplate (C2.52)



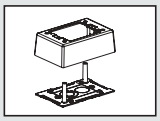
E T45HDB** – T-45 Snap-On Hinged Data Bracket (page C2.49)



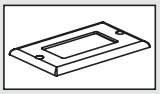
F T45OC** – T-45 Outside Corner Fitting (page C2.49)



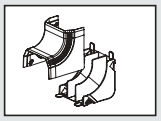
G T45RLD** – T-45 Reducer Fitting (page C2.49)



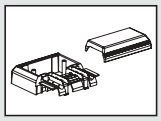
H JBP1** – Power Rated Single Gang Two-Piece Box (page C2.58)



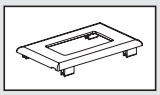
J CPG** – Single Gang Rectangular Electrical/ Communication Screw-On Faceplate (page C2.59)



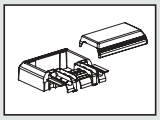
K T45IC** – T-45 Inside Corner Fitting (page C2.49)



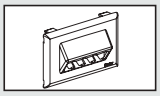
L T45WC** – T-45 Offset Box for Screw-On Faceplates/Receptacles (page C2.49)



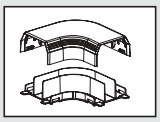
M T70PG** – Single Gang Rectangular Electrical/ Communication Snap-On Faceplate (page C2.54)



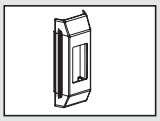
N T45WC2** – T-45 Offset Box for Snap-On Faceplates (page C2.49)



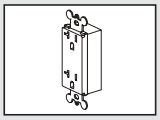
O T70FH4** – Snap-On Horizontal Sloped Communication Faceplate (page C2.52)



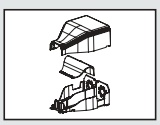
P T45RA** – T-45 Right Angle Fitting (page C2.49)



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



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

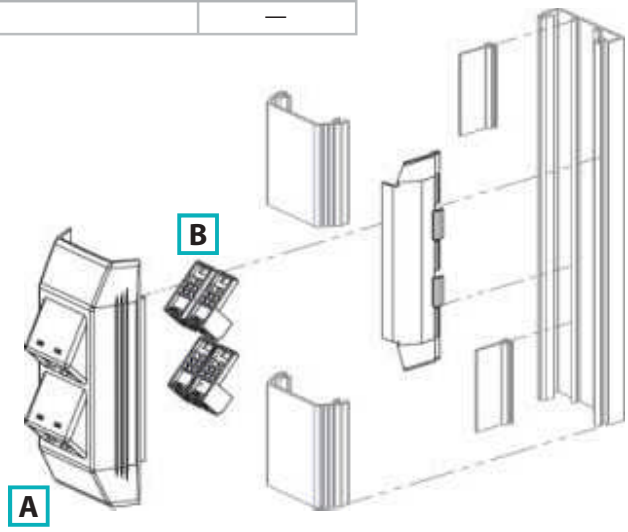


S T45EE** – T-45 Entrance End Fitting (page C2.49)

T-45 Configurations

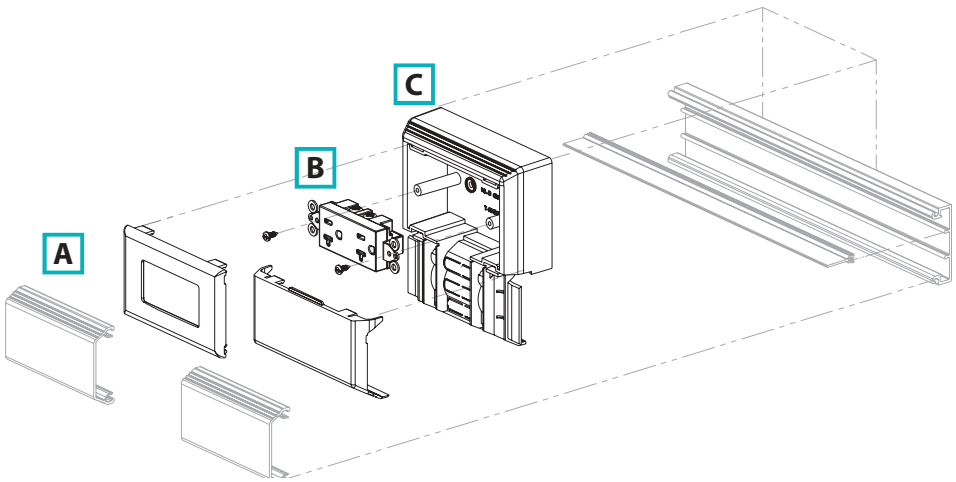
Exploded view 1

	Components Required	See page
A.	T45HDB = T-45 Snap-On Hinged Data Bracket.	C2.49
B.	*PANDUIT® MINI-COM®* Modules.	—



Exploded view 2

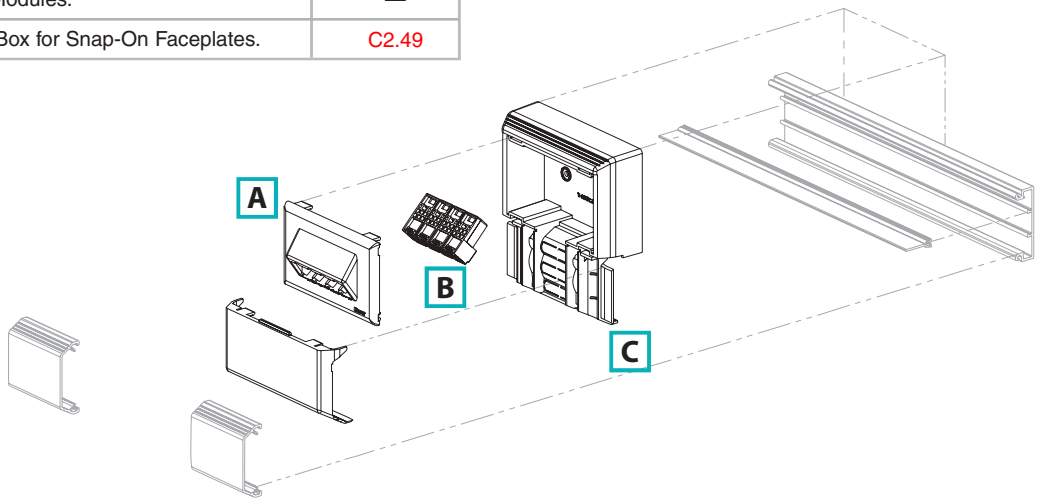
	Components Required	See page
A.	T70PG = Single Gang Rectangular Electrical/ Communication Snap-On Faceplate.	C2.54
B.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
C.	T45WC = T-45 Offset Box for Screw-On Faceplates/Receptacles.	C2.49



T-45 Configurations (continued)

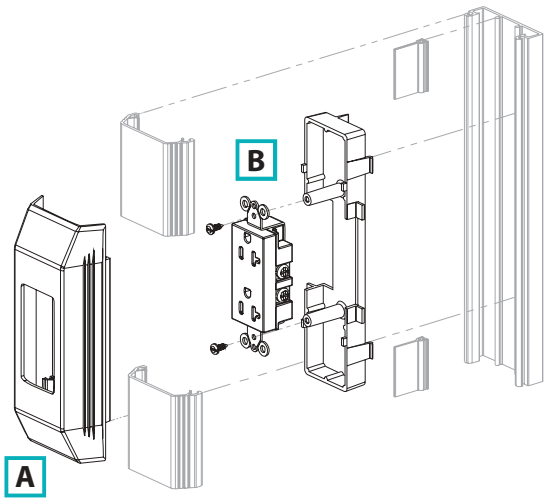
Exploded view 3

	Components Required	See page
A.	T70FH4 = Snap-On Horizontal Sloped Communication Faceplate.	C2.52
B.	*PANDUIT® MINI-COM®* Modules.	—
C.	T45WC2 = T-45 Offset Box for Snap-On Faceplates.	C2.49



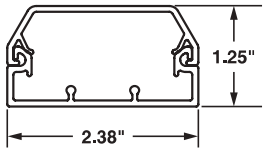
Exploded view 4

	Components Required	See page
A.	T45HEGB = T-45 Electrical Bracket for Rectangular Outlet.	C2.49
B.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60



PAN-WAY® T-45 Surface Raceway System

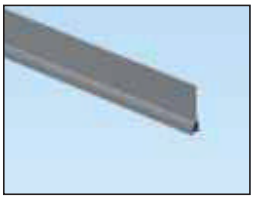
- UL and CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Hinged cover allows easy access from either side
- Optional factory applied adhesive backing speeds installation
- Supplied with pre-punched mounting holes
- Tamper resistant
- Terminates using the T-45 Hinged Data or Power Brackets, Offset Box, or Surface Mount Outlet Box solutions



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"	Off White	8	160
T45BIW10-A		2.38" x 1.25"		10	200
T-45 Raceway Base without Adhesive					
T45BIW8	T-45 Raceway Base in 8' and 10' lengths. Supplied with pre-punched mounting holes.	—	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.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PAN-WAY® Type 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

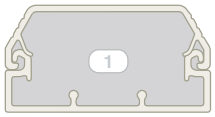

T45WC2

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 1 1/4" conduit which allows entry from ceiling or wall.	Off White	1	10
T45RLDIW	Reducer Fitting. Reduces from T-45 to LD10 Profile Raceways.	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®* and *FJ®* modules vertically in-line 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 106 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.

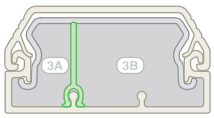


A = 2.13 in²

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

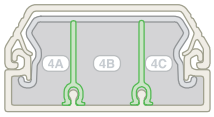
A = 1.72 in²

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



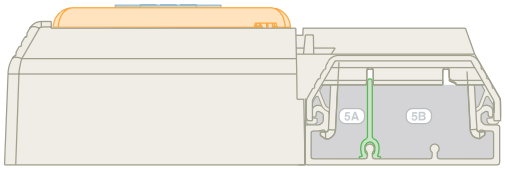
A = .44 in² | B = 1.20 in²

Cable fill #3: Power and data using a Wire Retainer and Divider Wall.



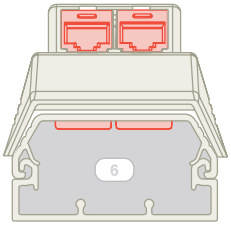
A = .44 in² | B = .68 in² | C = .44 in²

Cable fill #4: Power and data using a Wire Retainer and Divider Walls.



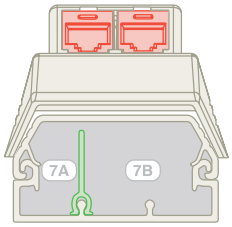
A = .41 in² | B = 1.06 in²

Cable fill #5: Power and data using the Offset Box.



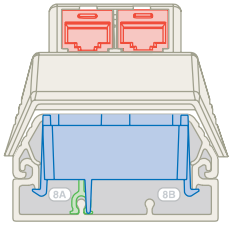
A = 2.00 in²

Cable fill #6: Data only using Hinged Data Bracket.



A = .52 in² | B = 1.2 in²

Cable fill #7: Power and data using Hinged Data Bracket with Divider Insert.



A = .22 in² | B = .5 in²

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.

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		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 5e (4pr)		Cat 6 (4pr)					
			.105	.122	.153	DIA. = .217		DIA. = .250		DIA. = .275		DIA. = .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-45: No devices.	2.13	36	27	25	22	34	17	26	11	17	35	53
2.	T-45: No devices with wire retainer.	1.72	36	27	25	18	27	14	21	9	14	28	42
3A.	T-45: Power and data with wire retainer and divider wall (2 channels).	.44	12	11	8	4	7	3	5	2	3	7	10
3B.		1.20	—	—	—	12	19	9	14	6	10	16	29
4A.	T-45: Power and data with wire retainer and two divider walls (3 channels).	.44	12	11	8	4	7	3	5	2	3	7	10
4B.		.68	—	—	—	7	11	5	8	4	5	11	16
4C.		.44	—	—	—	4	7	3	5	2	3	7	10
5A.	T-45: Power and data using the *Workstation Outlet Center*™ Offset Box.	.41	12	11	8	4	6	3	5	2	3	6	10
5B.		1.06	—	—	—	11	17	8	12	6	8	17	26
6.	T-45: Data only using data bracket.	2.00	—	—	—	21	32	16	24	11	16	33	49
7A.	T-45 Power and data using Hinged Data Bracket with Divider Insert.	.52	12	11	8	—		—	—	3	4	—	—
7B.		1.2	—	—	—	12	18	9	14	6	10	16	24
8A.	T-45: Power and data using Electrical Bracket and Box.	.22	9	7	4	—		—	—	1	2	—	—
8B.		.5	—	—	—	5	8	4	6	3	4	8	12

PAN-WAY® SNAP-ON FACEPLATES & 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 20A, 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, T-45 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

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 Raceways. 5.0"L x 3.3"W x 1.6"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 Raceways. 5.0"L x 6.1"W x 1.6"H (127mm x 156mm x 41mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10

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

PAN-WAY® 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).

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**	***VIPER***™ **LS6 Portable Printer Label**	***PANACEA***® **LS7 Hand-Held Printer Label**
T70FH2IW	**C125X030FJJ**	**C125X030FJ6**	**LS7-25-1**
T70FV2IW			
T70FV4IW			
All T70B parts			
T70FH4IW	**C252X030FJJ**	**C252X030FJ6**	**LS7-25-1**

For complete labeling solutions and product information, reference chart on pages E2.1 – E2.30.

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

Prime items appear in **BOLD**.

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)

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. No additional mounting hardware required.	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. No additional mounting hardware required.	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).
See label chart on page C2.59

PANDUIT® NETKEY® Snap-On Sloped Keystone Faceplates

- Accepts all PANDUIT® NETKEY® Keystone Copper Modules and Duplex Fiber Optic 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

NK2HSRF

NK4HSRF

NK4VSRF

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
NK2HSRFIW	Snap-on two 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 mount four 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 mount four 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

‡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.

PANDUIT® NETKEY® Snap-On Flush Universal Keystone Faceplates

- Wider module spacing to accept all 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 two 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 four 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

‡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 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**	**VIPER™ LS6 Portable Printer Label**	**PANACEA® LS7 Hand-Held Printer Label**
NK2HSRFIW T70KW2IW	C125X030FJJ	C125X030FJ6	LS7-25-1
NK4VSRFIW	2-C125X030FJJ	2-C125X030FJ6	LS7-25-1
NK4HSRFIW T70KW4IW	C261X030FJJ	C261X030FJ6	LS7-25-1

For complete labeling solutions and product information, reference chart on pages E2.1 – E2.30.

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

Prime items appear in **BOLD**.

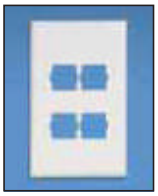
PAN-WAY® Snap-On Faceplates for SYSTIMAX* Communication Modules

- 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.

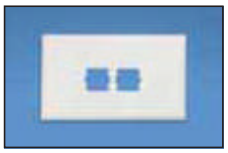
Component Labels for SYSTIMAX* Communication Modules

Suggested Label Solutions for TIA/EIA-606-A Compliance			
Faceplate Part Number	**Laser/Ink Jet Desktop Printer Label**	**VIPER™ LS6 Portable Printer Label**	**PANACEA® LS7 Hand-Held Printer Label**
T70L2IW T70LV2IW	**C125X030FJJ**	**C125X030FJ6**	**LS7-25-1**
T70LV4IW	**2-C125X030FJJ**	**2-C125X030FJ6**	**LS7-25-1**
T70L4IW	**C261X030FJJ**	**C261X030FJ6**	**LS7-25-1**

*SYSTIMAX® is a registered trademark of Commscope, Inc.
For complete labeling solutions and product information, reference charts on pages E2.1 – E2.30.

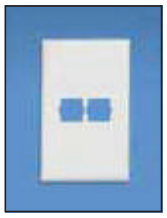
PAN-WAY® Snap-On Faceplates for Nordx/CDT* Communication Modules

- 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



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 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

‡For other colors replace IW (Off White) with EI (Electric Ivory).
*Nordx/CDT is a registered trademark of Nordx/CDT, Inc.

Component Labels for Nordx/CDT* Communication Modules

Suggested Label Solutions for TIA/EIA-606-A Compliance			
Faceplate Part Number	**Laser/Ink Jet Desktop Printer Label**	***VIPER*™ LS6 Portable Printer Label**	***PANACEA*® LS7 Hand-Held Printer Label**
T70N2IW T70NV2IW	**C125X030FJJ**	**C125X030FJ6**	**LS7-25-1**
T70NV4IW	**2-C125X030FJJ**	**2-C125X030FJ6**	**LS7-25-1**
T70N4IW	**C261X030FJJ**	**C261X030FJ6**	**LS7-25-1**

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

For complete labeling solutions and product information, reference charts on pages E2.1 – E2.30.

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

Prime items appear in **BOLD**.

PAN-WAY® Low Voltage Surface Mount Outlet Boxes

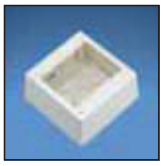
- JBX3510 assembles without the use of screws for faster installation
- JBX3510, JB1, and JB1D are supplied with adhesive backing to speed installation
- JB1 and JB1D are a one-piece design requiring no assembly


JBX3510


JB1


JB1D


JBP2


JBP2D


RJBX3510


JBA-X


JB1FS

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® T-45 or LD Profile Raceway. 5.0"L x 3.3"W x 1.6"H (127mm x 83mm x 41mm). 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 Raceways. 5.1"L x 3.3"W x 1.8"H (129mm x 85mm x 44mm). 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 Raceways. 5.2"L x 3.5"W x 2.8"H (133mm x 86mm x 70mm). 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 Raceways. 5.0" L x 5.0"W x 1.6"L (128mm x 128mm x 41mm). 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 Raceways. 5.2"L x 5.2"W x 2.8"H (132mm x 132mm x 70mm). 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 Raceways. Dia. = 5.5"D x 1.1"H (139mm x 29mm). 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 Raceways. 5.0"L x 3.3"W x 1.6"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)

PAN-WAY® Power Rated 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


JBP1


JBP2


JBP1D


JBP2D


JBP1E


JBP1I


PSJBX


JBD1


JBP2S


JBD2


JBP2FS


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 Raceways. 5.2"L x 3.5"W x 1.8"H (132mm x 88mm x 44mm). 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 Raceways. 5.0" L x 5.0"W x 1.6"L (128mm x 128mm x 41mm). 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 Raceways. 5.2"L x 3.5"W x 2.8"H (132mm x 88mm x 70mm). 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 Raceways. 5.2"L x 5.2"W x 2.8"H (132mm x 132mm x 70mm). 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 Raceways. 5.0"L x 3.3"W x 1.0"H (127mm x 84mm x 25mm). 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 Raceways. 5.1"L x 3.4"W x 2.3"H (130mm x 86mm x 58mm). 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*® LDP3, 5, 10, or LDS3, or 5 Profile Raceways. 5.0"L x 3.3"W x 1.3"H (128mm x 83mm x 33mm). 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 Raceways. 5.1"L x 5.1"W x 1.6"H (128mm x 128mm x 41mm). 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 Two-Piece Snap Together Outlet Box. Box accepts *PAN-WAY*® Snap-On Faceplates. For use with *PAN-WAY*® T-45 or LD Profile Raceways. 5.0"L x 6.1"W x 1.6"H (127mm x 156mm x 41mm). 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 Raceways. Dia. = 5.5"D x 1.1"H (139mm x 29mm). 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).

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

Prime items appear in **BOLD**.

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) or WH (White).
All faceplates supplied with mounting screws

Component Labels for Classic Series Power and Communication Faceplates

Suggested Label Solutions for TIA/EIA-606-A Compliance			
Faceplate Part Number	**Laser/Ink Jet Desktop Printer Label**	***VIPER™* LS6 Portable Printer Label**	***PANACEA®* LS7 Hand-Held Printer Label**
CPGIW T70PGS	**C125X030FJJ**	**C125X030FJ6**	**LS7-25-1**
CPGIW-2G FP2RC	**2-C125X030FJJ**	**2-C125X030FJ6**	**LS7-25-1**
T70PG	**C261X030FJJ**	**C261X030FJ6**	**LS7-25-1**

For complete labeling solutions and product information, reference chart on pages E2.1 – E2.30.

Pan-Way® Stainless Steel Faceplates


WPS-20


WPS-202

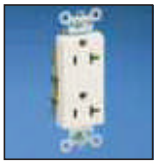
Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
WPS-20	Stainless Steel Single Gang 106 Duplex Screw-On Faceplate. Covers one NEMA standard 106 duplex electrical outlet or one standard 106 communication module frame.	1	10
WPS-202	Stainless Steel Double Gang 106 Duplex Screw-On Faceplate. Covers two NEMA standard 106 duplex electrical outlets or two standard 106 communication module frames.	1	10

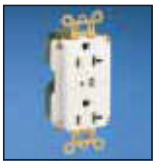
All faceplates supplied with mounting screws.

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	20A 106 Duplex Outlet.	Off White	10
ERU20IW-X	20A Rectangular Outlet.	Off White	10
ETU20IW-X	20A TVSS Rectangular Outlet (transient voltage surge suppressor).	Off White	10
EGU20IW-X	20A 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 20A Electrical Outlet

• Supplied with a 20A 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 20A U.S. style rectangular electrical outlet. For use with *Pan-Way*® LDPH3, 5, 10 or LDS3 or 5 Profile Raceways only. 4.8"L x 2.9"W x 1.2"H (123mm x 74mm x 31mm).	Off White	1	10
JBP1MD20IW	Single Gang Two-Piece Power Rated Low Profile Snap Together Outlet Box. Includes 20A U.S. style 106 duplex electrical outlet. For use with *Pan-Way*® LDPH3, 5, 10 or LDS3 or 5 Profile Raceways only. 4.8"L x 2.9"W x 1.2"H (123mm x 74mm x 31mm).	Off White	1	10

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

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

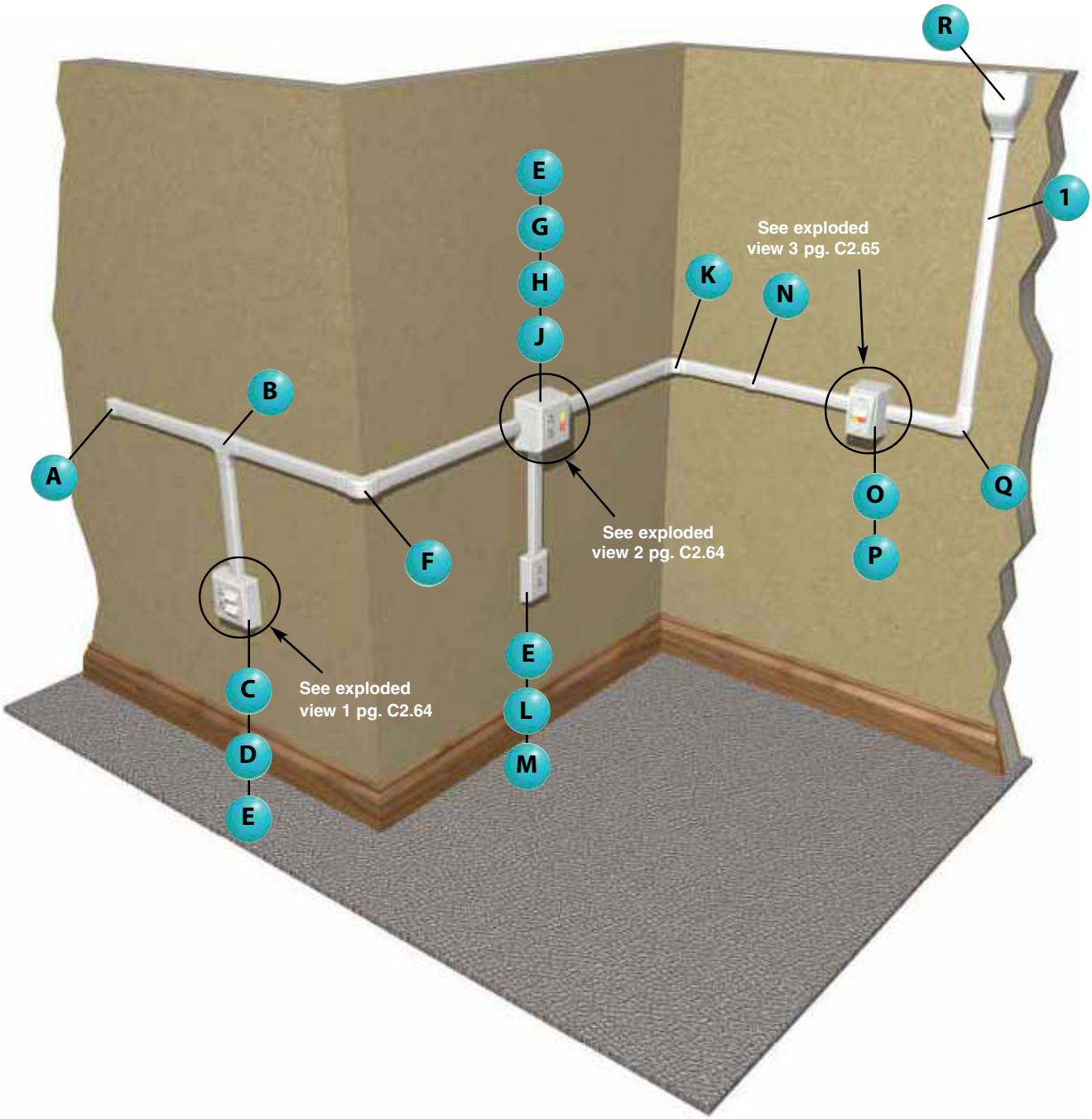
LDPH features one-piece single channel design and a tamper resistant latch for power OR data applications

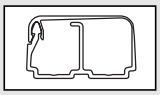
LD features one-piece single channel design for data routing

LDS features one-piece single channel tamper resistant design with maximum security for power OR data applications.

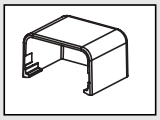
PAN-WAY® LD Profile Raceways include a full complement of fittings for standard, bend radius control, power rated and multi-channel use, and transition easily to other *PANDUIT* raceway such as Cove, TG-70, T-70, Twin-70 and T-45.

LD2P10 Profile Raceway Roadmap

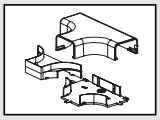




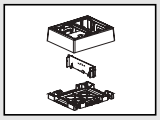
1 LD2P10 – Raceway (page C2.75)



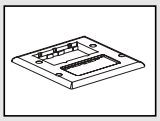
A ECFX10** – Power Rated End Cap Fitting (page C2.75)



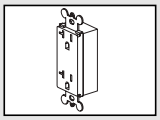
B TFXD10** – 1" Bend Radius Tee Fitting (page C2.75)



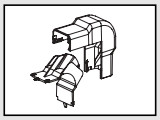
C JBP2S** – Power Rated Double Gang Three-Piece Divided Box (page C2.58)



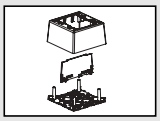
D FP2RC** – Double Gang Rectangular Electrical & 2 Communication Insert Faceplate (page C2.59)



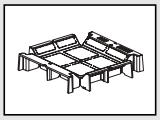
E ERU20** – 20 A Rectangular Electrical Outlet (page C2.60)



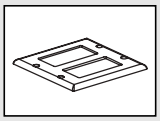
F OCFX10** – 1" Bend Radius Outside Corner Fitting (page C2.75)



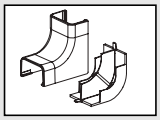
G JBP2D** – Power Rated Double Gang Two-Piece Deep Box (page C2.58)



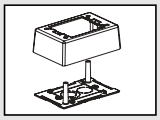
H JBD2 – Double Gang Pass Through and Divider for LD2P10 Raceway (page C2.58)



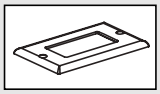
J CPG**-2G – Double Gang Rectangular Screw-On Faceplate (page C2.59)



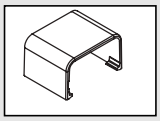
K ICFX10** – Power Rated Inside Corner Fitting (page C2.75)



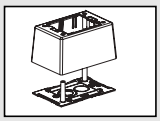
L JBP1** – Power Rated Single Gang Two-Piece Box (page C2.58)



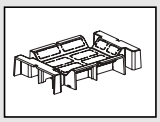
M CPG** – Single Gang Rectangular Screw-On Faceplate (page C2.59)



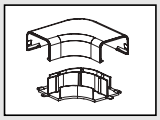
N CFX10** – Power Rated Coupler Fitting (page C2.75)



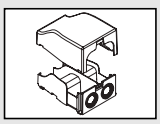
O JBP1D** – Single Gang Two-Piece Deep Box (page C2.58)



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



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

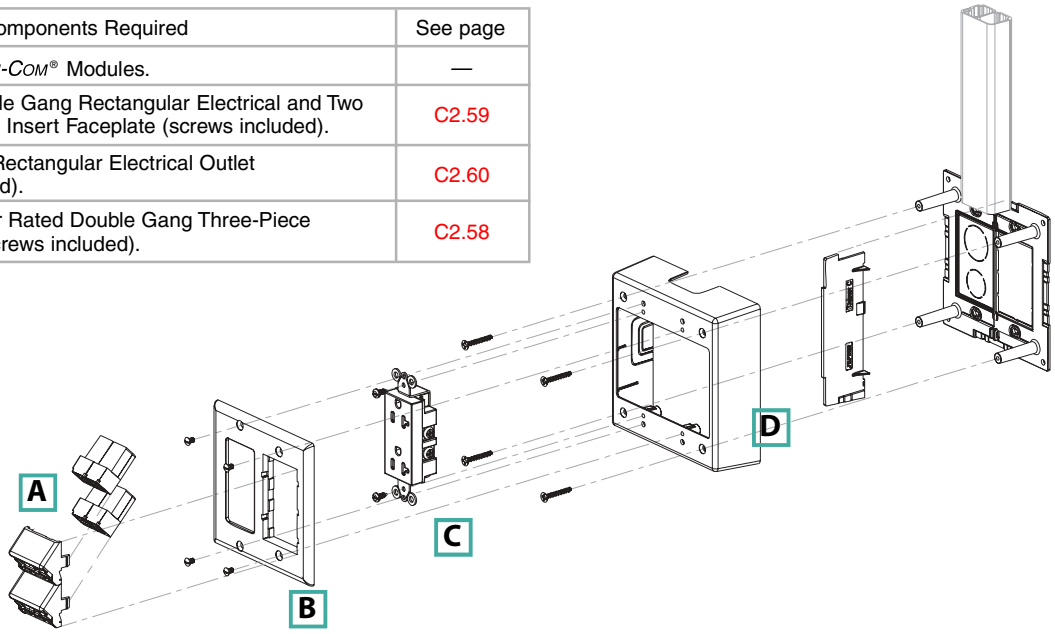


R EEFX** – Power Rated/1" Bend Radius Entrance End Fitting (page C2.75)

LD2P10 Configurations

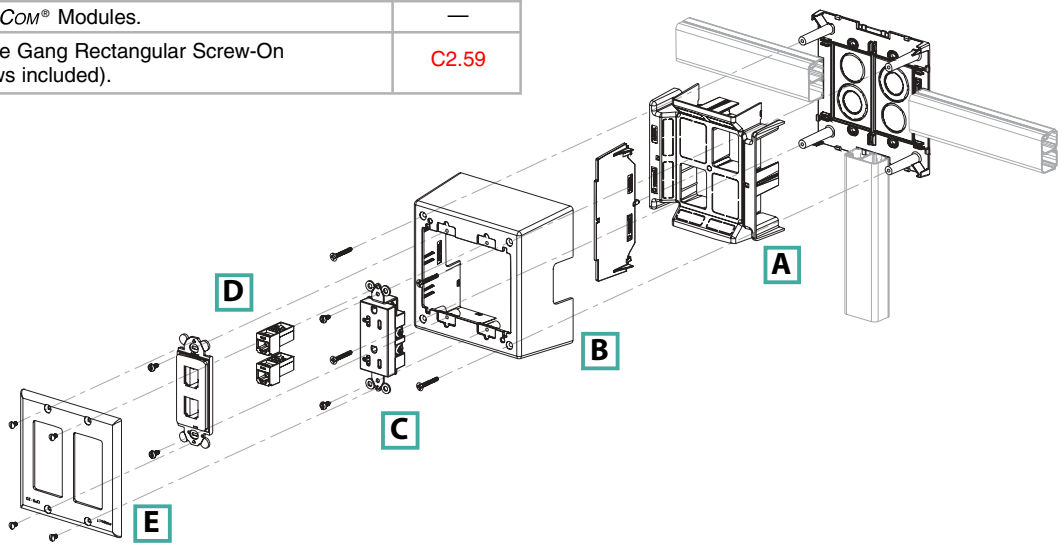
Exploded view 1

	Components Required	See page
A.	*PANDUIT® MINI-COM®* Modules.	—
B.	FP2RC = Double Gang Rectangular Electrical and Two Communication Insert Faceplate (screws included).	C2.59
C.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
D.	JBP2S = Power Rated Double Gang Three-Piece Divided Box (screws included).	C2.58



Exploded view 2

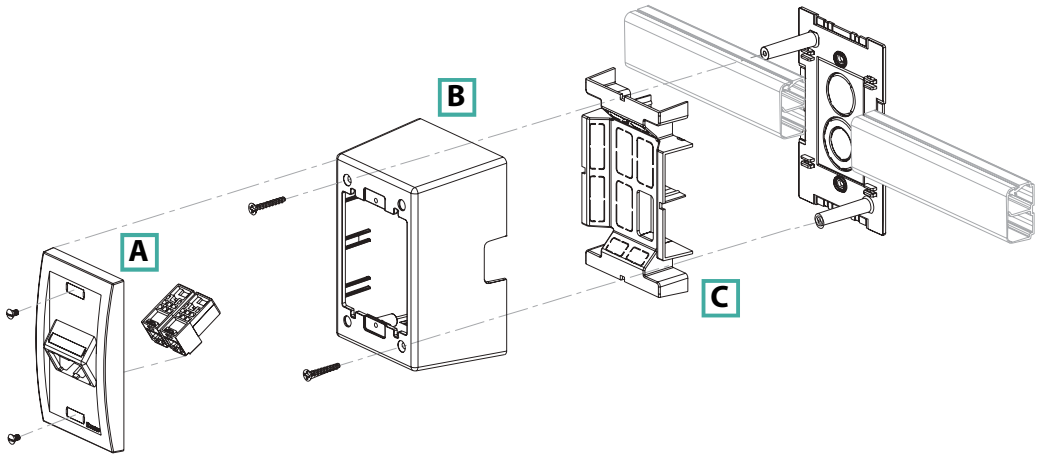
	Components Required	See page
A.	JBD2 = Double Gang Pass Through Divider for LD2P10 Raceway.	C2.58
B.	JBP2D = Power Rated Double Gang Two-Piece Deep Box.	C2.58
C.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
D.	*PANDUIT® MINI-COM®* Modules.	—
E.	CPG2G = Double Gang Rectangular Screw-On Faceplate (screws included).	C2.59



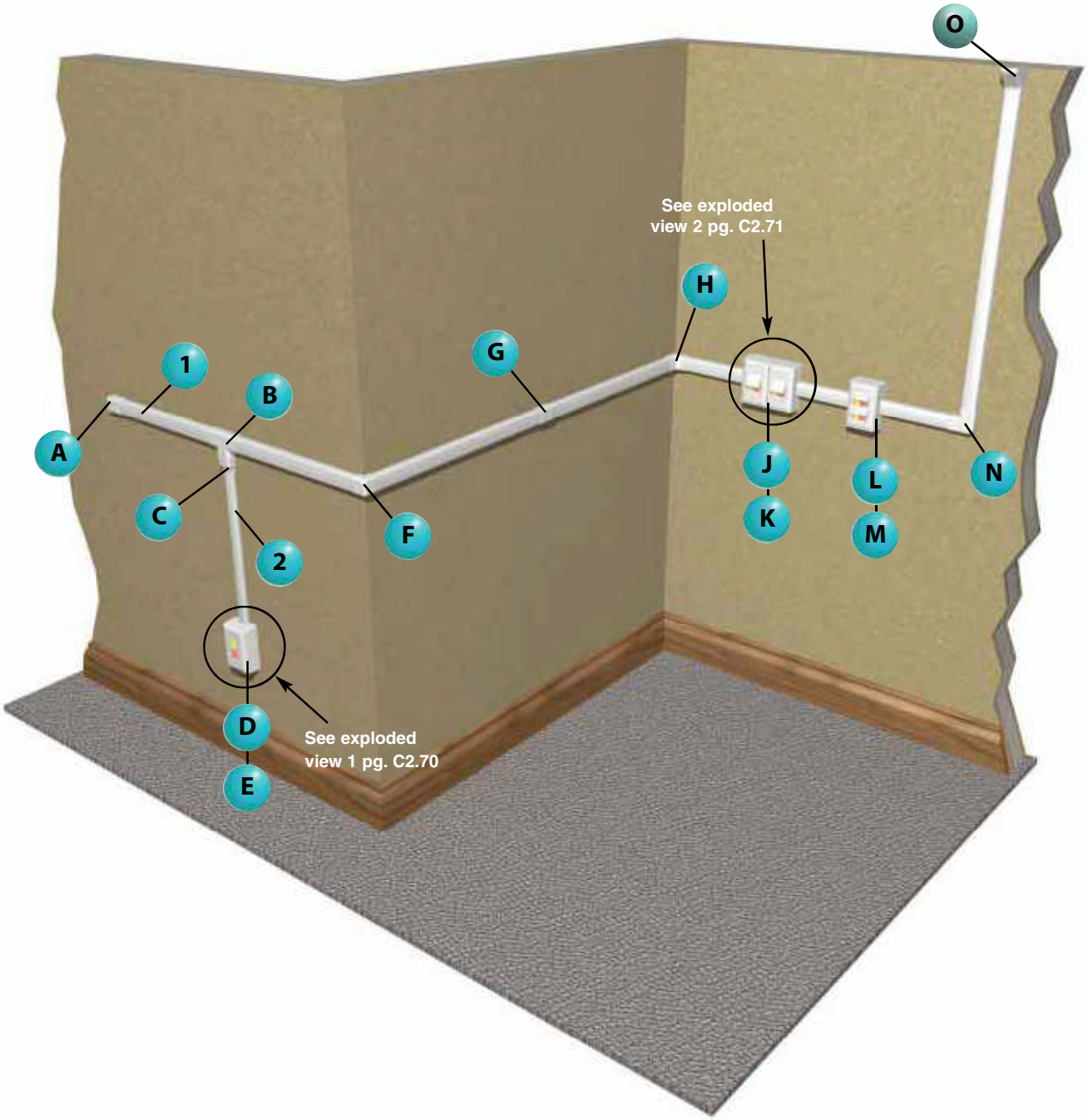
LD2P10 Configurations (continued)

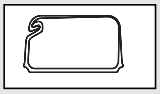
Exploded view 3

	Components Required	See page
A	*PANDUIT® MINI-COM®* Modules.	—
B	JBP1D = Power Rated Single Gang Two-Piece Deep Box (screws included).	C2.58
C	JBD1 = Single Gang Pass Through Divider for LD2P10 Raceway.	C2.58

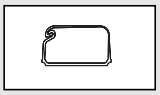


LD Profile Raceway Roadmap

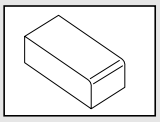




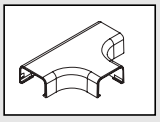
1 **LD10 – Raceway (page C2.76)**



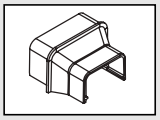
2 **LD5 – Raceway (page C2.76)**



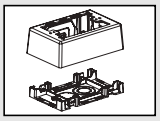
A **ECF10** – End Cap Fitting (page C2.79)**



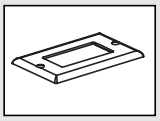
B **TF10** – Tee Fitting (page C2.79)**



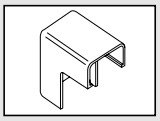
C **RF10X5** – Reducer Fitting (page C2.79)**



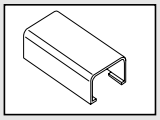
D **JBX3510** – Single Gang Two-Piece Snap-Together Box (page C2.57)**



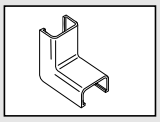
E **CPG** – Single Gang Rectangular Screw-On Faceplate (page C2.59)**



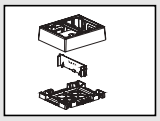
F **OCF10** – Outside Corner Fitting (page C2.79)**



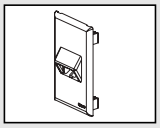
G **CF10** – Coupler Fitting (page C2.79)**



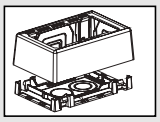
H **ICF10** – Inside Corner Fitting (page C2.79)**



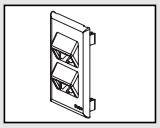
J **JBP2FS** – *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box (page C2.58)**



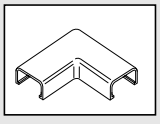
K **T70FV2** – Snap-On Vertical Sloped Communication Faceplate (page C2.52)**



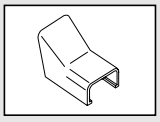
L **JB1FS** – *FAST-SNAP*™ Single Gang Surface Mount Outlet Box (page C2.52)**



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



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

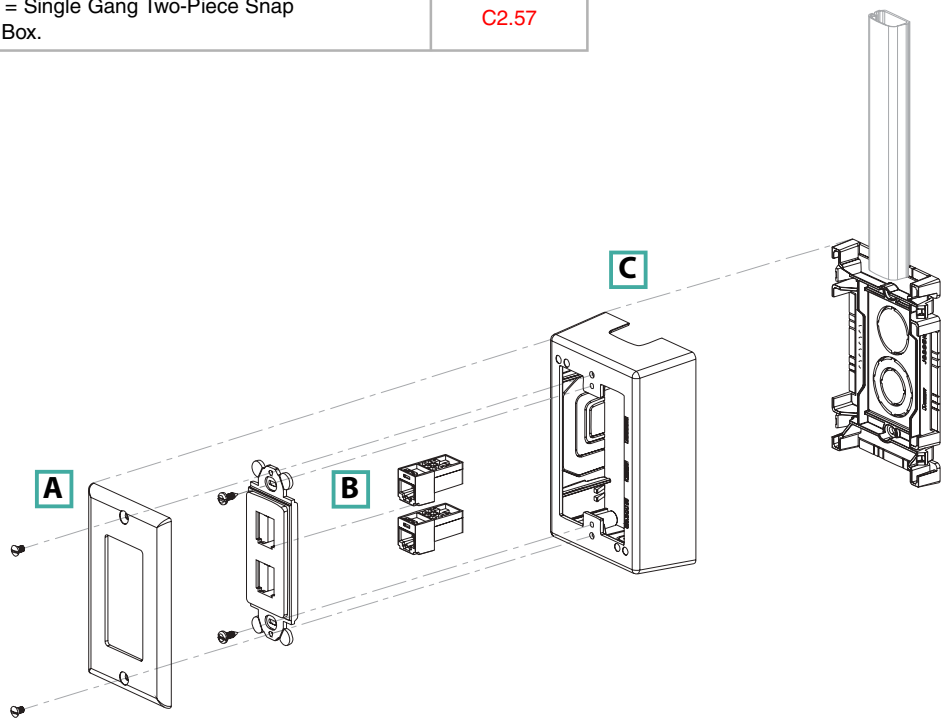


O **DCF10** – Drop Ceiling/Entrance End Fitting (page C2.79)**

LD Configurations

Exploded view 1

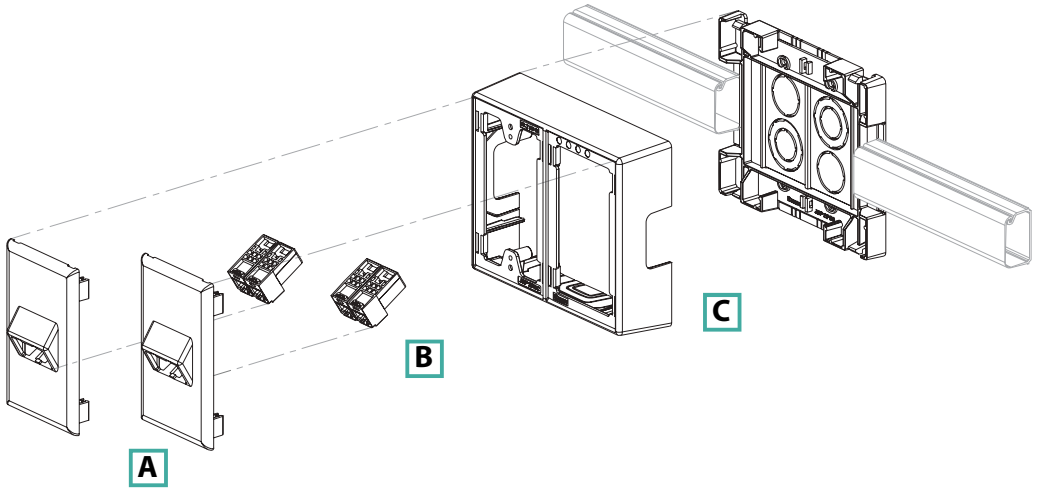
	Components Required	See page
A.	CPG = Single Gang Rectangular Screw-On Faceplate (screws included).	C2.59
B.	*PANDUIT® MINI-COM®* Modules.	—
C.	JBX3510 = Single Gang Two-Piece Snap Together Box.	C2.57



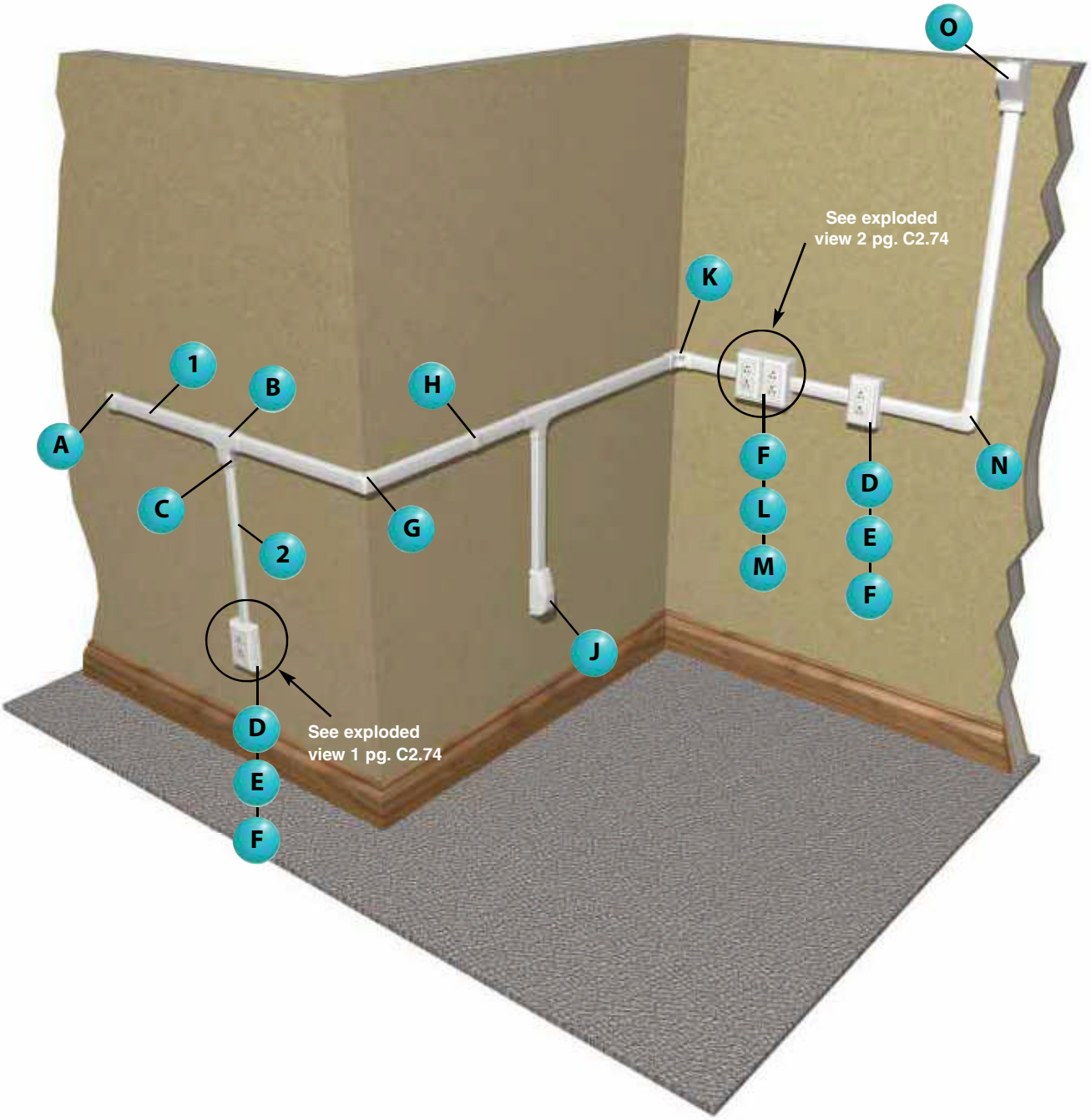
LD Configurations (continued)

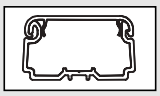
Exploded view 2

	Components Required	See page
A.	T70FV2 = Snap-On Vertical Sloped Communication Faceplate – Two Port.	C2.52
B.	*PANDUIT*® *MINI-COM*® Modules.	—
C.	JBP2FS = *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box.	C2.52

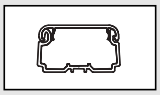


LDPH Profile Raceway Roadmap

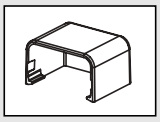




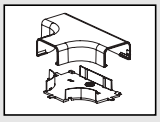
1 LDPH10 – Raceway (page C2.77)



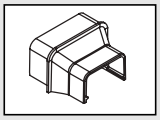
2 LDPH5 – Raceway (page C2.77)



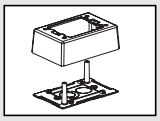
A ECFX10** – Power Rated/1" Bend Radius End Cap Fitting (page C2.81)



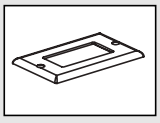
B TFX10** – Power Rated/1" Bend Radius Tee Fitting (page C2.81)



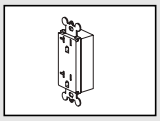
C RFX105** – Power Rated/1" Bend Radius Reducer Fitting (page C2.81)



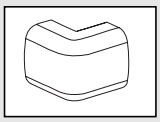
D JBP1** – Power Rated Single Gang Two-Piece Box (page C2.58)



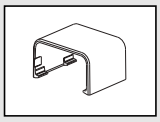
E CPG** – Single Gang Rectangular Screw-On Faceplate (page C2.59)



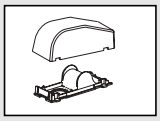
F ERU20** – 20 A Rectangular Electrical Outlet (page C2.60)



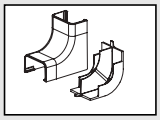
G OCFC10** – Power Rated Outside Corner Fitting (page C2.81)



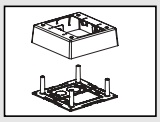
H CFX10** – Power Rated/1" Bend Radius Coupler Fitting (page C2.81)



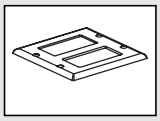
J RAEFX** – Power Rated/1" Bend Radius Right Angle Entrance End Fitting (page C2.81)



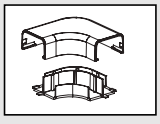
K ICFX10** – Power Rated Inside Corner Fitting (page C2.81)



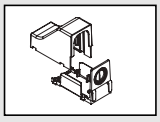
L JBP2** – Power Rated Double Gang Two-Piece Box (page C2.58)



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



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

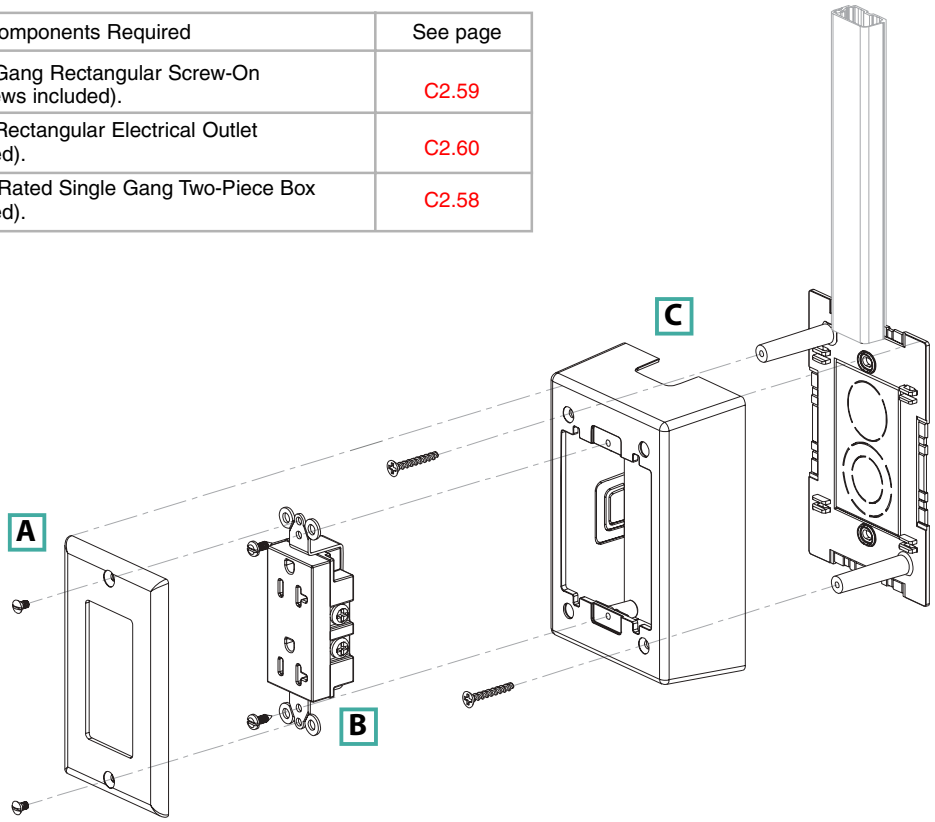


O DCEFX** – Power Rated/1" Bend Radius Drop Ceiling Entrance End Fitting (page C2.81)

LDPH Configurations

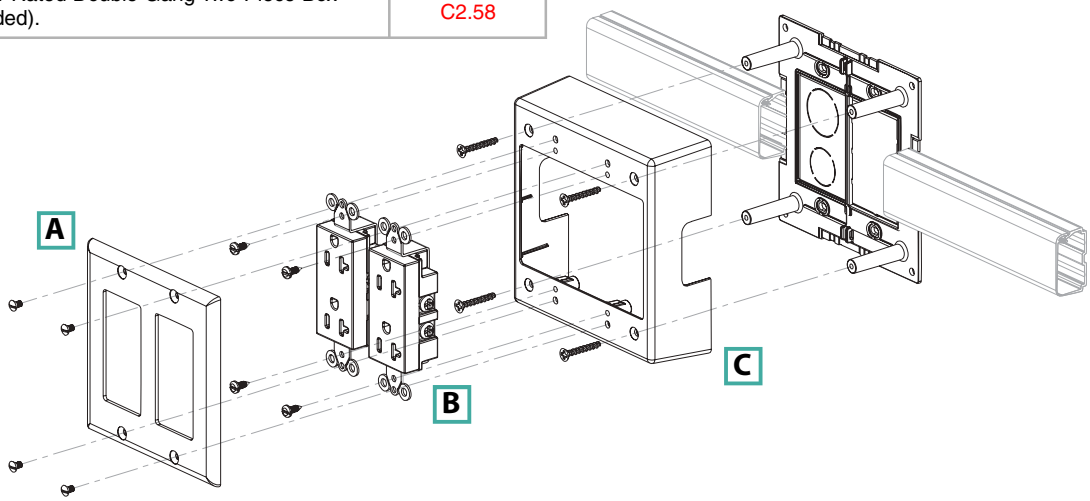
Exploded view 1

	Components Required	See page
A.	CPG = Single Gang Rectangular Screw-On Faceplate (screws included).	C2.59
B.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
C.	JBP1 = Power Rated Single Gang Two-Piece Box (screws included).	C2.58



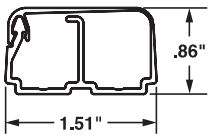
Exploded view 2

	Components Required	See page
A.	CPG**2G = Double Gang Rectangular Screw-On Faceplate (screws included).	C2.59
B.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
C.	JBP2 = Power Rated Double Gang Two-Piece Box (screws included).	C2.58



PAN-WAY® Type LD2P10 Multi-Channel Surface Raceway System

- UL and CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Routes power and data together
- One-piece hinged design allows cables to be laid in
- Tamper resistant
- Factory applied adhesive backing speeds installation
- FT-4 Rated for Canada
- Terminates using JBP1D, JBP2D, JBP2FS, or JBP2S surface mount outlet box solutions



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

Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Ctn. Qty.
LD2P10IW8-A	Two channel tamper resistant one-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 8' and 10' lengths.	1.51" x .86"	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

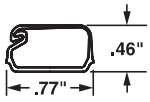

EEFX

Part Number	Part Description	Color‡	Std. Pkg. Qty.
CFX10IW-X	Coupler Fitting for use with LD10, LDPH10, and LD2P10 Raceways.	Off White	10
RAFX10IW-X	Right Angle Fitting for use with LDPH10 and LD2P10 Raceways.	Off White	10
ICFX10IW-X	Inside Corner Fitting for use with LDPH10 and LD2P10 Raceways.	Off White	10
OCFX10IW-X	Outside Corner Fitting for use with LDPH10 and LD2P10 Raceways.	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 Raceways.	Off White	10
EEFXIW	Entrance End Fitting for LD2P10 Raceway. Breakouts for 1/2", 3/4", and 1" diameter conduit.	Off White	1

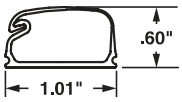
‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray) or WH (White).

PAN-WAY® LD Surface Raceway System

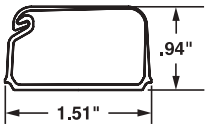
- For routing data and low voltage cabling
- One-piece hinged design allows cables to be laid in
- Factory applied adhesive backing speeds installation
- FT-4 Rated for Canada
- Terminates using surface mount outlet box solutions or *PANDUIT*® *MINI-COM*® Surface Mount Boxes



LD3
Internal Area = .21 Sq. In.



LD5
Internal Area = .38 Sq. In.



LD10
Internal Area = 1.00 Sq. In.

LD3

LD5

LD10

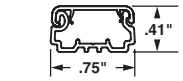
Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Ctn. Qty.
LD3 – Surface Raceway					
LD3IW6-A	One-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 6', 8', and 10' lengths.	.77" x .46"	Off White	6	120
LD3IW8-A				8	160
LD3IW10-A				10	200
LD5 – Surface Raceway					
LD5IW6-A	One-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 6', 8', and 10' lengths.	1.00" x .60"	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"	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.

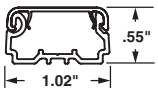
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PAN-WAY® LDPH Surface Raceway System

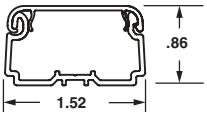
- UL and CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Two-piece hinged design allows cables to be laid in
- Tamper resistant
- Factory applied adhesive backing speeds installation
- FT-4 Rated for Canada
- Terminates using surface mount outlet box solutions or *PANDUIT® MINI-COM®* Surface Mount Boxes



LDPH3
Internal Area = .17 Sq. In.



LDPH5
Internal Area = .33 Sq. In.



LDPH10
Internal Area = .89 Sq. In.


LDPH3


LDPH5

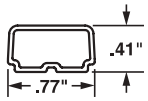

LDPH10

Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Ctn. Qty.
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.	.77" x .46"	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.	1.00" x .60"	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"	Off White	8	160
LDPH10IW10-A				10	200

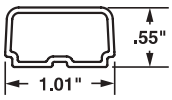
LDPH Raceway requires screw mounting for power cabling applications.
Order number of feet required in multiples of standard length increments.
‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

PAN-WAY® LDS Surface Raceway System

- UL and CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Tamper resistant non-hinged design
- Factory applied adhesive backing speeds installation
- FT-4 Rated for Canada
- 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



LDS3
Internal Area = .21 Sq. In.



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"	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"	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.

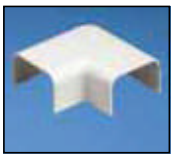
*Heating blanket not offered by *PANDUIT*.

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

Prime items appear in **BOLD**.

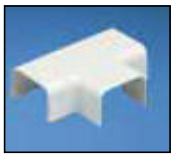
Standard Fittings for Low Voltage Applications


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	Four Way Cross Fitting for use with LD5, LDPH5, and LDS5 Raceways.	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 Raceways. **NOTE:** For low voltage applications only.	Off White	10
FBA10IW-X	Fire Box Adapter for use with LD10/LDPH10 Profile Raceways. **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 Raceways.	Off White	20
RF10X3IW-X	Reducer Fitting for LD Raceway from size 10 to size 3. For use with LD3 and LD10 Raceways.	Off White	10
RF10X5IW-X	Reducer Fitting for LD Raceway from size 10 to size 5. For use with LD5 and LD10 Raceways.	Off White	10

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

One Inch Bend Radius Fittings for TIA/EIA Compliance

- One 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 Raceways.	Off White	10
CFX5IW-X	Coupler Fitting for use with LD5, LDPH5, and LDS5 Raceways.	Off White	10
CFX10IW-X	Coupler Fitting for use with LD10, LDPH10, and LD2P10 Raceways.	Off White	10
RAFC3IW-X	Right Angle Fitting for use with LD3, LDPH3 and LDS3 Raceways.	Off White	10
RAFC5IW-X	Right Angle Fitting for use with LD5, LDPH5 and LDS5 Raceways.	Off White	10
RAFC10IW-X	Right Angle Fitting for use with LD10 and LDPH10 Raceways.	Off White	10
ICFC3IW-X	Inside Corner Fitting for use with LD3, LDPH3, and LDS3 Raceways.	Off White	10
ICFC5IW-X	Inside Corner Fitting for use with LD5, LDPH5, and LDS5 Raceways.	Off White	10
ICFC10IW-X	Inside Corner Fitting for use with LD10 and LDPH10 Raceways.	Off White	10
OCFX3IW-X	Outside Corner Fitting for use with LDPH3 and LDS3 Raceways.	Off White	10
OCFX5IW-X	Outside Corner Fitting for use with LDPH5 and LDS5 Raceways.	Off White	10
OCFX10IW-X	Outside Corner Fitting for use with LDPH10 and LD2P10 Raceways.	Off White	10
TFC3IW-X	Tee Fitting for use with LD3, LDPH3, and LDS3 Raceways.	Off White	10
TFC5IW-X	Tee Fitting for use with LD5, LDPH5, and LDS5 Raceways.	Off White	10
TFC10IW-X	Tee Fitting for use with LD10 and LDPH10 Raceways.	Off White	10
CRFC5IW-X	Four Way Cross Fitting for use with LD5, LDPH5, and LDS5 Raceways.	Off White	10
ECFX3IW-X	End Cap Fitting for use with LDPH3 and LDS3 Raceways.	Off White	10
ECFX5IW-X	End Cap Fitting for use with LDPH5 and LDS5 Raceways.	Off White	10
ECFX10IW-X	End Cap Fitting for use with LDPH10 and LD2P10 Raceways.	Off White	10
DCEFXIW-X	Drop Ceiling/Entrance End Fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, LDS5, LD10, and LDPH10 Raceways. Use CA3 or CA5 adapters for LD3 or LD5 Profile Raceways.	Off White	10
RAEFXIW-X	Right Angle/Entrance End Fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, LDS5, LD10, and LDPH10 Raceways. CA3 or CA5 adapters for LD3 or LD5 Profile Raceways.	Off White	10
RFX53IW-X	Reducer Fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, and LDS5 Raceways.	Off White	10
RFX103IW-X	Reducer Fitting for use with LD3, LDPH3, LDS3, LD10, and LDPH10 Raceways.	Off White	10
RFX105IW-X	Reducer Fitting for use with LD5, LDPH5, LDS5, LD10, and LDPH10 Raceways.	Off White	10

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

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

Prime items appear in **BOLD**.

Power Rated Fittings for Power to 600V – 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 Raceways.	Off White	10
CFX5IW-X	Coupler Fitting for use with LD5, LDPH5, and LDS5 Raceways.	Off White	10
CFX10IW-X	Coupler Fitting for use with LD10, LDPH10, and LD2P10 Raceways.	Off White	10
RAFX3IW-X	Right Angle Fitting for use with LDPH3 and LDS3 Raceways.	Off White	10
RAFX5IW-X	Right Angle Fitting for use with LDPH5 and LDS5 Raceways.	Off White	10
RAFX10IW-X	Right Angle Fitting for use with LDPH10 and LD2P10 Raceways.	Off White	10
ICFX3IW-X	Inside Corner Fitting for use with LDPH3 and LDS3 Raceways.	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 Raceways.	Off White	10
OCFC3IW-X	Outside Corner Fitting for use with LDPH3 and LDS3 Raceways.	Off White	10
OCFC5IW-X	Outside Corner Fitting for use with LDPH5 and LDS5 Raceways.	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 Raceways.	Off White	10
TFX5IW-X	Tee Fitting for use with LDPH5 and LDS5 Raceways.	Off White	10
TFX10IW-X	Tee Fitting for use with LDPH10 Raceway only.	Off White	10
CRFX5IW-X	Four Way Cross Fitting for use with LD5, LDPH5, and LDS5 Raceways.	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 Raceways.	Off White	10
ECFX5IW-X	End Cap Fitting for use with LDPH5 and LDS5 Raceways.	Off White	10
ECFX10IW-X	End Cap Fitting for use with LDPH10 and LD2P10 Raceways.	Off White	10
DCEFXIW-X	Drop Ceiling/Entrance End Fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, LDS5, LD10, and LDPH10 Raceways. Use CA3 or CA5 adapters for LD3 or LD5 Profile Raceways.	Off White	10
RAEFXIW-X	Right Angle/Entrance End Fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, LDS5, LD10, and LDPH10 Raceways. CA3 or CA5 adapters for LD3 or LD5 Profile Raceways.	Off White	10
RFX53IW-X	Reducer Fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, and LDS5 Raceway.	Off White	10
RFX103IW-X	Reducer Fitting for use with LD3, LDPH3, LDS3, LD10, and LDPH10 Raceway	Off White	10
RFX105IW-X	Reducer Fitting for use with LD5, LDPH5, LDS5, LD10, and LDPH10 Raceways.	Off White	10

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

Raceway Adapters for LD Raceway

- Fits into universal breakout of DCEFX or RAEFX fittings
- For use with Types LD3, LDPH3, and LDS3 and LD5, LDPH5, and LDS5 Raceways

CA3
CA5

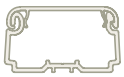
Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
CA3IW-X	Fits into universal breakout of DCEFX or RAEFX fittings. For use LD3, LDPH3, and LDS3 Raceways.	Off White	10	50
CA5IW-X	Fits into universal breakout of DCEFX or RAEFX fittings. For use LD5, LDPH5, and LDS5 Raceways.	Off White	10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

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

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 in²	.38 in²	1.00 in²



LDPH3	LDPH5	LDPH10
.17 in²	.33 in²	98 in²

LD2P10 – Left	LDP210 – Right
.43 in²	.50 in²

LDS3	LDS5
.21 in²	.38 in²

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

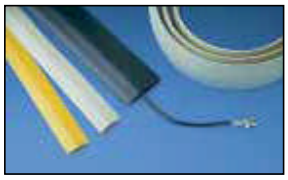
MAX for Data = 60% cable fill – The maximum cable quantity based on cable interweaving and packing factors.

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

Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		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 5e (4pr)		Cat 6 (4pr)					
		.105	.122	.153	DIA. = .217		DIA. = .250		DIA. = .275		DIA. = .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	.21	—	—	—	2	3	1	2	1	2	4	5
LD5	.38	—	—	—	4	6	3	4	2	3	6	9
LD10	1.00	—	—	—	10	16	8	12	5	8	16	24
LDPH3	.17	9	7	4	1	2	1	2	1	1	2	4
LDPH5	.33	14	12	8	3	5	2	4	2	3	5	8
LDPH10	.89	18	18	16	9	14	7	10	5	8	14	22
LD2P10 – Left Channel	.43	14	11	8	4	6	3	5	2	3	7	11
LD2P10 – Right Channel	.50	—	—	—	5	8	4	6	3	4	8	12
LDS3	.21	9	6	4	2	3	1	2	1	2	3	5
LDS5	.38	10	8	5	4	6	3	4	2	3	6	9

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°

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® TYPE T130 NON-METALLIC SURFACE RACEWAY

PAN-WAY® T130 Multi-Channel Raceway provides a large capacity channel solution for routing low voltage, fiber optic, and/or power cabling along fixed perimeter walls. The T130 Raceway System consists of raceway base, cover, fittings, termination hardware, and accessories.

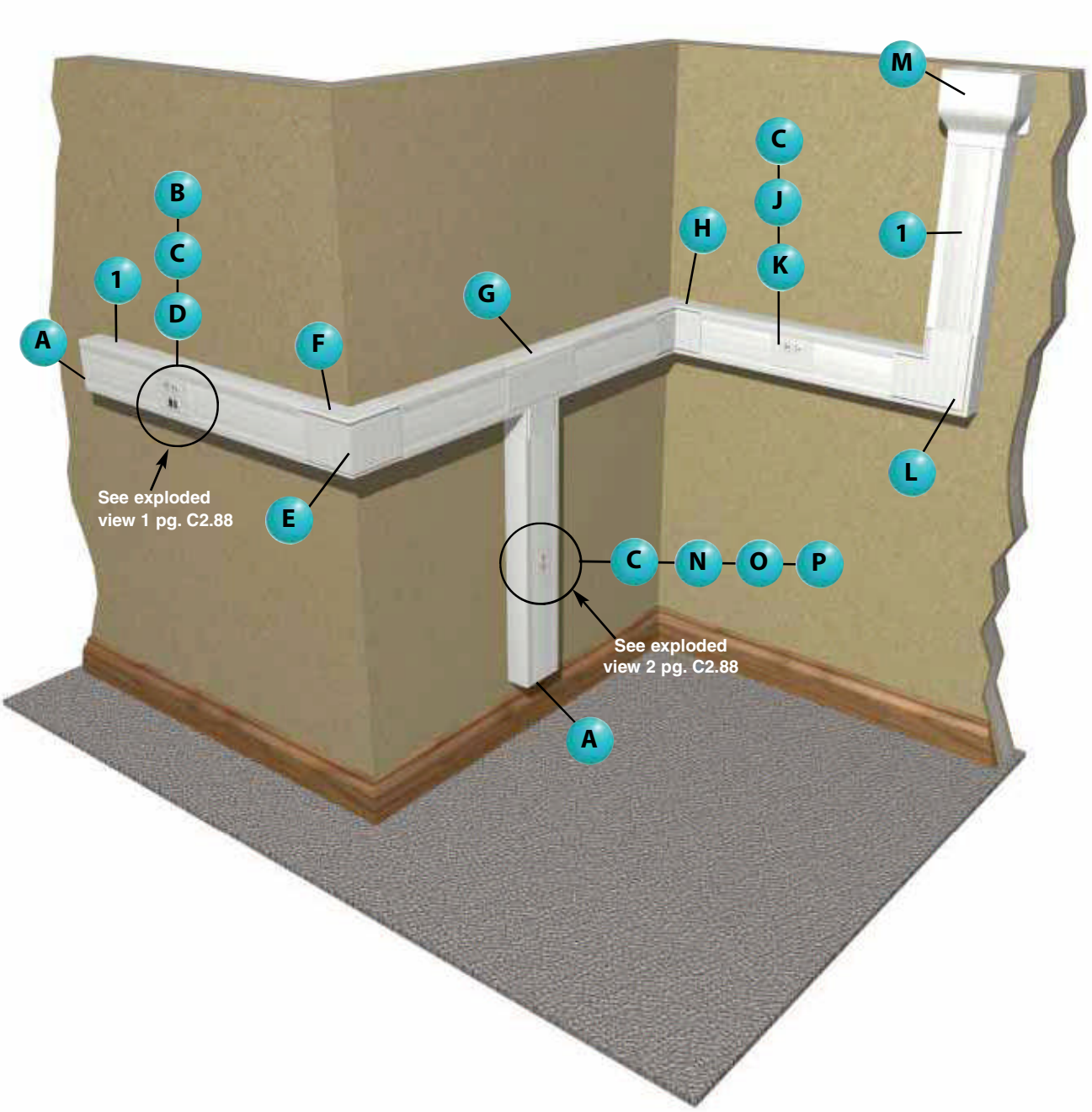
Large capacity multi-channel raceway system

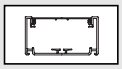
Lightweight

Tamper resistant

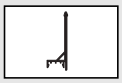
PANDUIT T130 Raceway can mount NEMA standard 70mm screw-on faceplates or available snap-on and pre-punched covers, power and low voltage applications.

Type T130 Raceway Roadmap

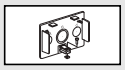




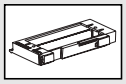
1 **TB130**, TC130** – T130 Raceway Base and Cover (page C2.89)**



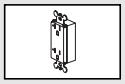
1 **TD68 – T130 Divider Wall (page C2.89)**



A **TEC130** – T130 End Cap Fitting (page C2.90)**



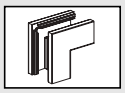
B **T130DBD-X – "Gangable" Device Bracket (page C2.92)**



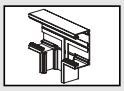
C **ERU20** – 20A Rectangular Electrical Outlet (page C2.60)**

D **T130RMC2** – Double Rectangular Electrical Device Snap-On Faceplate (page C2.92)**

E **TOCC130** – T130 Outside Corner Fitting Cover (page C2.90)**

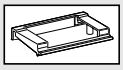


F **TOCB130** – T130 Outside Corner Fitting Base (page C2.90)**

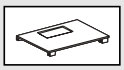


G **TT130** – T130 Tee Fitting (page C2.90)**

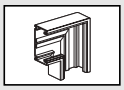
H **TIC130** – T130 Inside Corner Fitting (page C2.90)**



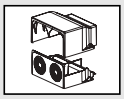
J **T130DB-X – Hanging Device Bracket (page C2.92)**



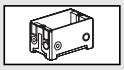
K **T130RMC** – Rectangular Electrical Device Snap-On Faceplate (page C2.92)**



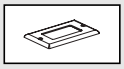
L **TRA130** – T130 Right Angle Fitting (page C2.90)**



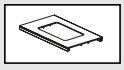
M **TEE130** – T130 Entrance End Fitting (page C2.90)**



N **TB5583-V – Type T Box (page C2.91)**



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

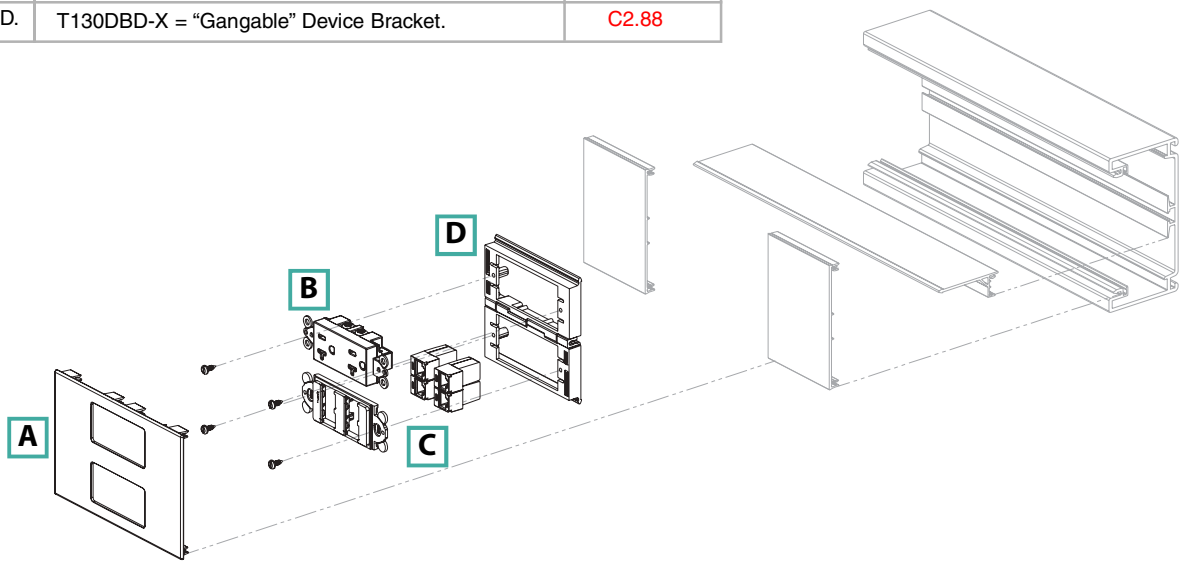


P **T130G** – Pre-Cut Cover (page C2.91)**

Type T130 Configurations

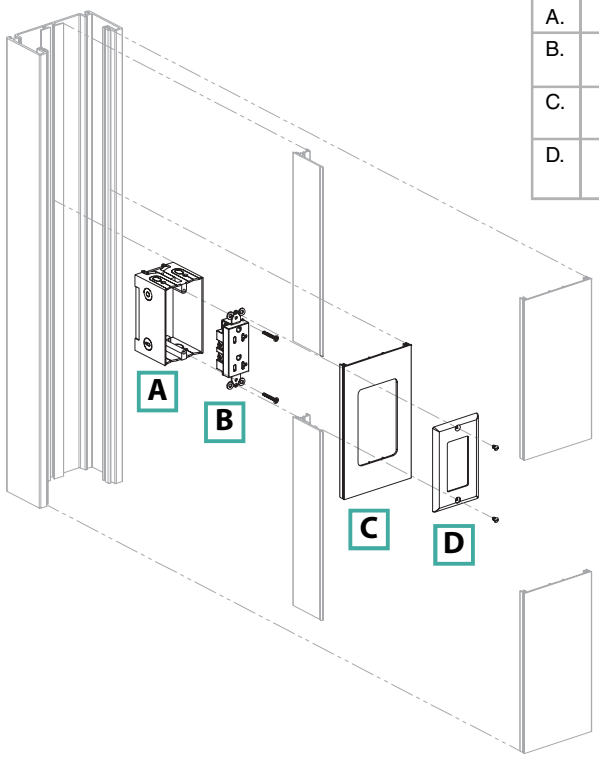
Exploded view 1

	Components Required	See page
A.	T130RMC2 = Double Rectangular Electrical Device Snap-On Faceplate.	C2.88
B.	EUR20 = 20A Rectangular Electrical Outlet.	C2.60
C.	*PANDUIT® MINI-COM®* Modules.	—
D.	T130DBD-X = "Gangable" Device Bracket.	C2.88



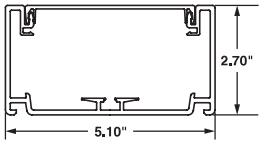
Exploded view 2

	Components Required	See page
A.	TB5583-V = Type T Box for T130 Raceway.	C2.87
B.	EUR20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
C.	T130G = Pre-Cut Cover for Type T Box and NEMA Faceplates.	C2.87
D.	CPG = Single Gang Rectangular Screw-On Faceplate (screws included).	C2.59



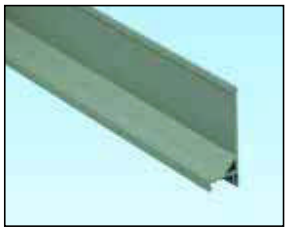
PAN-WAY® Type T130 Surface Raceway System

- UL and CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Large capacity multi-channel system
- Tamper resistant cover latch design



Internal Area = 10.96 Sq. In.

TB130 Base and TC130 Cover



TD68

Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Ctn. Qty.
Type T130 Raceway Base					
TB130IW8	T130 raceway base available in 8' and 10' lengths. Supplied with pre-punched mounting holes.	5.10" x 2.70"	Off White	8	32
TB130IW10				10	40
Type T130 Raceway Cover					
TC130IW8	T130 raceway cover available in 8' and 10' lengths.	—	Off White	8	64
TC130IW10				10	80
Type T Raceway Divider Wall					
TD688	Type T divider wall creates separate channels. Available in 8' and 10' lengths.	—	Gray	8	64
TD6810				10	80

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

PAN-WAY® Type T130 Raceway Fittings

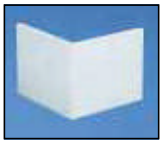

TCFC130
TCFB3070


TRA130


TRA130IR


TIC130


TOCB130


TOCC130


TT130


T130TD


TEC130


TEE130

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
TCFC130IW-X	Cover Coupler Fitting. Used to join sections of T130 Cover together.	Off White	10	100
TCFB3070IW-X	Base Coupler Fitting. Used to join sections of T130 Base together.	Off White	10	—
TRA130IW	Right Angle Fitting. Used to join sections of T130 Raceway at right angles.	Off White	1	10
TRA130IR	T130 Bend Radius Insert. Works with T130 Right Angle and Tee Fittings.	Gray	1	10
TIC130IW	Inside Corner Fitting. Used to join sections of T130 Raceway at inside corners.	Off White	1	10
TOCB130IW	Outside Corner Base Fitting. Used to join sections of T130 Raceway at outside corners.	Off White	1	10
TOCC130IW	Outside Corner Cover Fitting. Used to cover T130 Outside Corner Base.	Off White	1	10
TT130IW	Tee Fitting. Used to join sections of T130 Raceway at tee intersections.	Off White	1	10
T130TD	Divided Tee Insert. To be used with T130 Tee Fitting.	Gray	1	10
TEC130IW	End Cap Fitting. Conduit breakouts of 1/2" and 3/4".	Off White	1	10
TEE130IW	Entrance End Fitting. Conduit breakouts of 1/2", 3/4", 1", 1 1/2" and 2". Fitting accommodates entry from ceiling or wall.	Off White	1	10

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

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Type T Raceway Accessories

TMB130-X

TWR130-X

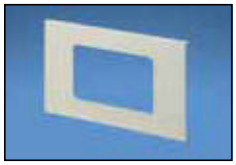
Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
TMB130-X	Mounting Brackets. T130 Raceway is snapped onto brackets. Can be used as required anywhere along the raceway.	Black	10	—
TWR130-X	Wire Retainer. Holds wires in place during installation.	Gray	10	100

PAN-WAY® Pre-Cut Cover and Type T Outlet Box

- For mounting standard NEMA faceplates
- Cover length = 7.05" (179mm)
- Cutout dimension = 2.42" x 4.06" (61.5mm x 103mm)

TB5583-V

TBSR-Q



T130G

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
TB5583-V	Outlet Box. Used for mounting single gang NEMA standard electrical devices and faceplates.	Gray	5	60
TBSR-Q	Strain Relief. Required to support cable connections in vertically mounted raceway applications. Snaps onto TB5583-V.	Gray	25	—
T130GIW	Pre-Cut Cover. Accepts standard NEMA electrical faceplates.	Off White	1	10

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

PAN-WAY® Pre-Cut Covers for Snap-On Modular Furniture Faceplates

- Snap-On Faceplate Pre-Cut Covers are for use with Snap-On Modular Furniture Faceplates
- Cover couplers (located under Type T Raceway fittings) are required for each faceplate
- Cutout dimensions: 2.67" to 2.75" (60.1mm to 72.4mm) x 1.345" to 1.405" (34.2mm to 35.7mm)

T130K1

T130K2

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T130K1IW	Pre-cut Cover. Accepts one Snap-On Modular Furniture Faceplate.	Off White	1	10
T130K2IW	Pre-cut Cover. Accepts two Snap-On Modular Furniture Faceplates.	Off White	1	10

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

T130 Hanging Device Brackets

T130DB-X

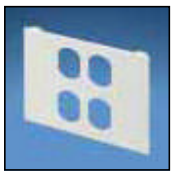
T130DBD-X

T130DBD installed in Type T raceway

T130DBV

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
T130DB-X	Single Position Device Bracket. Used to mount NEMA standard electrical receptacles and standard communication module frames (including GFCI).	Gray	10	—
T130DBD-X	Gangable Device Brackets. Can be interlocked to mount NEMA standard electrical receptacles (including GFCI) and standard communication module frames.	Gray	10	—
T130DBV	Single Position Vertical Device Bracket. Used to mount NEMA standard electrical receptacles (including GFCI) and standard communication module frames.	White	1	10

T130 Snap-On Faceplates



T130DMC2

T130DMC

T130LMC

T130RMC2

T130RMC

T130TDMC

T130TMC

T130TRMC

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Pkg. Qty.
T130DMC2IW	Covers 2 NEMA standard 106 duplex electrical devices or standard communication module fames. Replaces faceplate and pre-cut raceway cover. For use with T130DBD-X and TD688 or T6810 divider wall.	Off White	1	10
T130DMCIW	Covers NEMA standard 106 duplex electrical devices or standard communication module frames. Replaces faceplate and pre-cut raceway cover.	Off White	1	10
T130LMCIW	Covers NEMA standard twist lock electrical devices or standard communication module frames. Replaces faceplate and pre-cut raceway cover.	Off White	1	10
T130RMC2IW	Covers 2 NEMA standard rectangular electrical devices or standard communication module frames. Replaces faceplate and pre-cut raceway cover. For use with T130DBD-X and TD688 or T6810 divider wall.	Off White	1	10
T130RMCIW	Covers NEMA standard rectangular electrical devices or standard communication module frames. Replaces faceplate and pre-cut raceway cover.	Off White	1	10
T130TDMCIW	Covers NEMA standard duplex electrical devices or standard communication module frames and provides proper sized opening to accept snap-on modular furniture faceplates.	Off White	1	10
T130TMCIW	Provides proper sized opening to accept snap-on modular furniture faceplates.	Off White	1	10
T130TRMCIW	Covers NEMA standard rectangular electrical devices or standard communication module frames and provides proper sized opening to accept snap-on modular furniture faceplates.	Off White	1	10

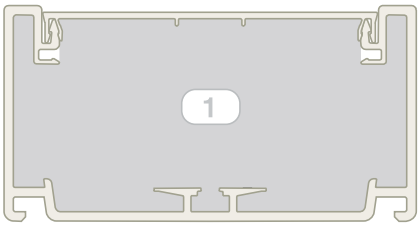
‡For other colors replace IW (Off White) with EI (Electric Ivory) or IG (International Gray)

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

Prime items appear in **BOLD**.

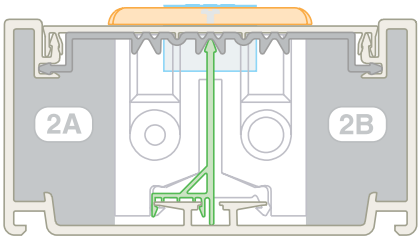
Quick Wire Fill Capacities for Type T130 Raceway

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



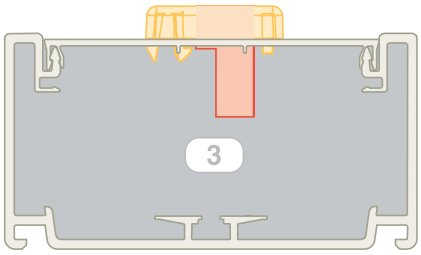
A = 10.96 in²

Wirefill #1: T130 Raceway with no devices.



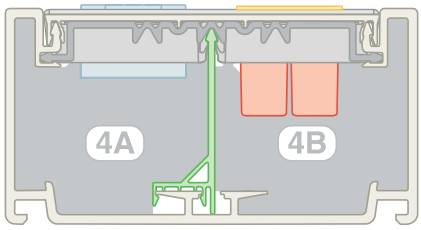
A = 2.56 in² A = 2.56 in²

Wirefill #2: T130 Raceway – Power and data using T Box and U.S. Standard "Screw-On" Electrical/Communication Faceplates.



A = 10.34 in²

Wirefill #3: T130 Raceway – Data only using Modular Furniture Faceplates.



4A = 3.72 in² 4B = 3.52 in²

Wirefill #4: T130 Raceway – Power and data using T130RMC2 Faceplate.

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

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

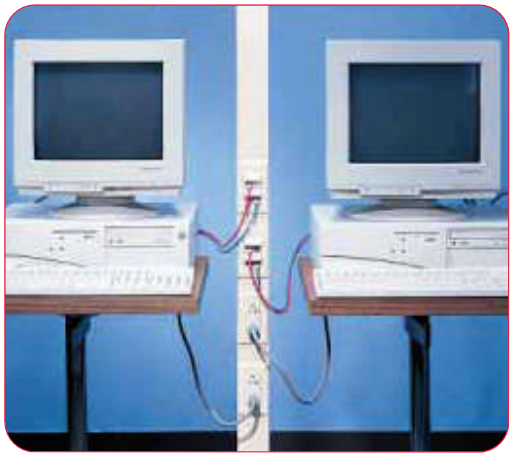
MAX for Power wire fill – The maximum of electrical cables based on UL temperature rise test.

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		Coax Cable		Fiber Optic Cable	
			14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6		2 Strand	
			THHN/T90			Cat 5e (4pr)		Cat 6 (4pr)					
			.105	.122	.153	DIA. = .217		DIA. = .250		DIA. = .275		DIA. = .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.	T130: No devices.	10.96	31	28	26	119	178	89	133	58	87	182	274
2A.	T130: Power and data using T-Box and U.S. Standard Faceplate.	2.56	17	15	14	28	42	20	31	14	20	43	64
2B.		2.56	—	—	—	28	42	20	31	14	20	43	64
3.	T130: Data only using Modular Furniture Faceplate.	10.34	—	—	—	108	162	84	126	55	82	166	249
4A.	T130: Power and data using T130TRMC2 Faceplate.	3.72	20	16	17	40	60	30	45	20	30	66	99
4B.		3.52	—	—	—	38	57	28	43	19	28	80	120

Notes

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

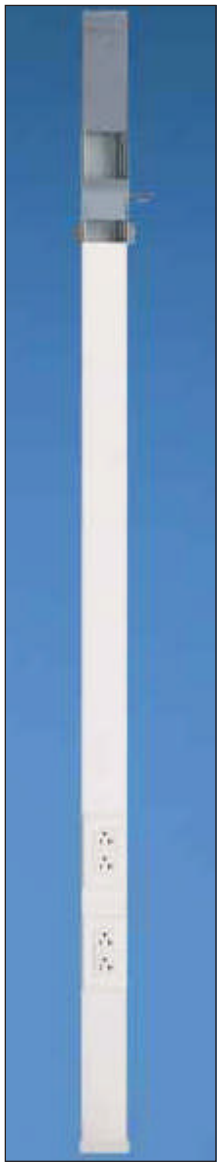
- Dual channel aluminum pole is equipped with pre-terminated electrical outlets and provides channel separation for the installation of communication cabling and modules.
- UL and CSA rated 600V
- Available in 11' or 13' lengths and supplied with a non-metallic cover
- Electrical outlets are pre-wired

Pre-installed components include:

1. Blank non-metallic cover
2. Two 20A 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).

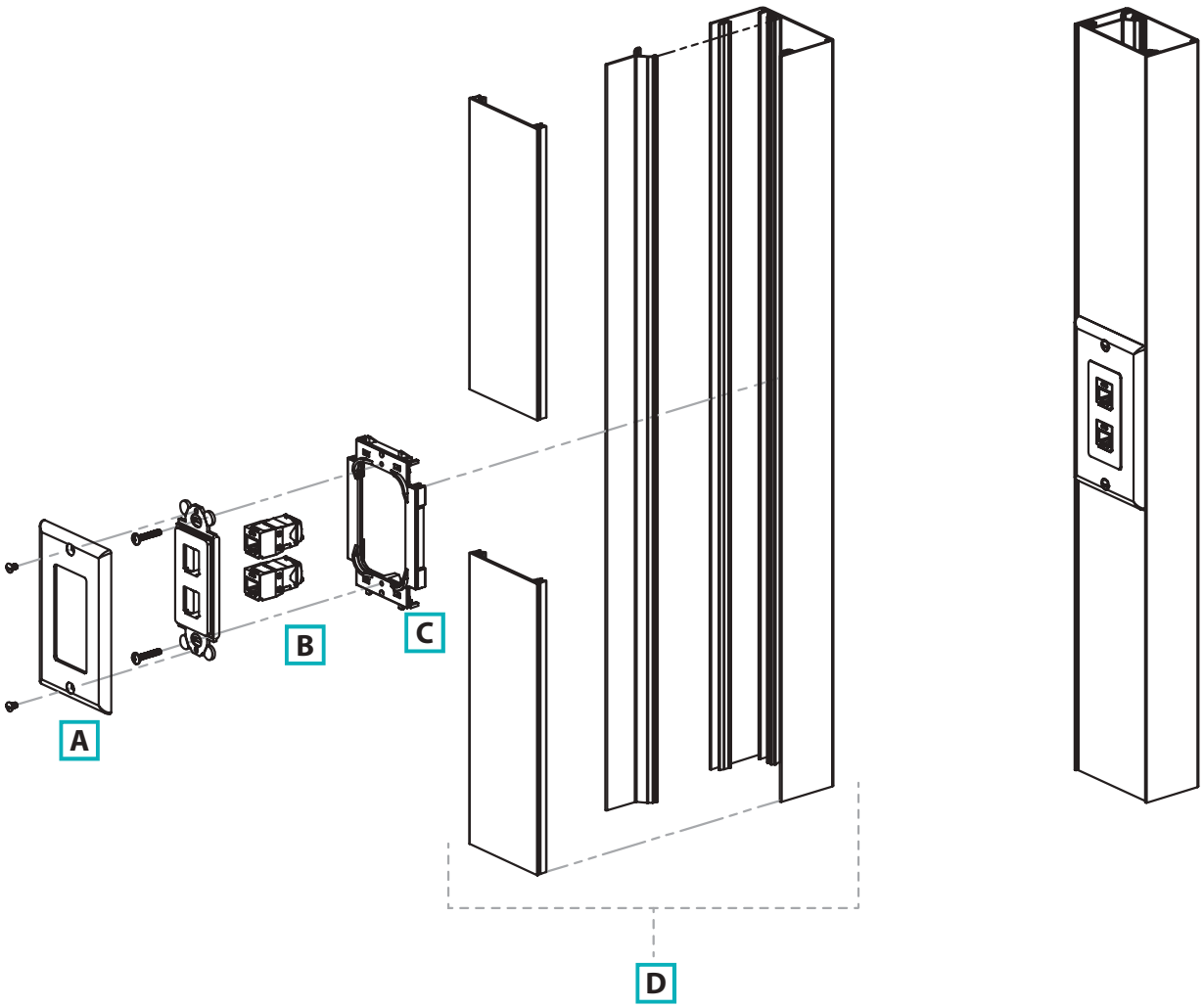
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

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

Utilizing Standard Screw-On Faceplates

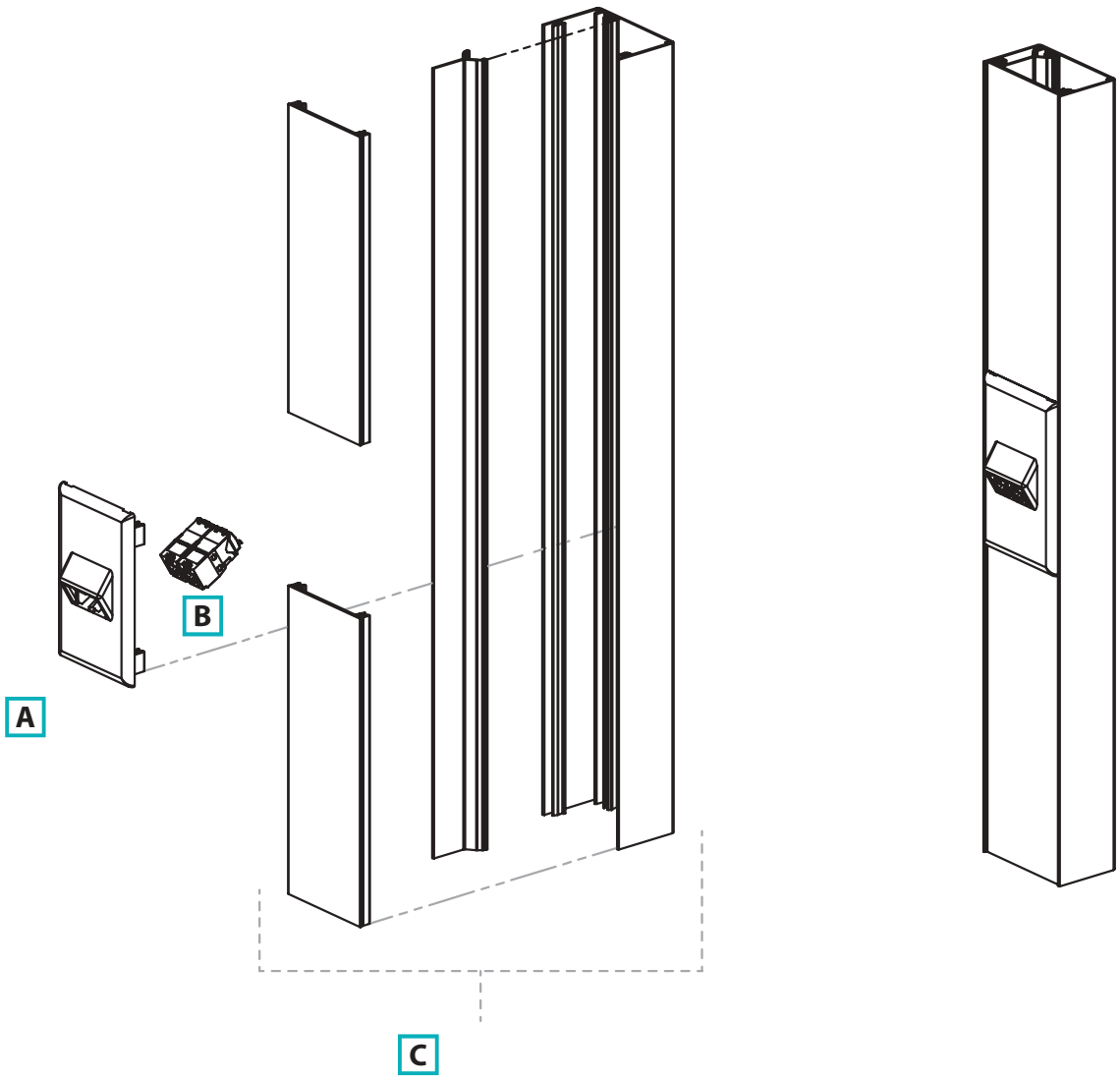
	Components Required	See page
A.	CPG** = Single Gang Rectangular Screw-On Faceplate (screws included).	C2.59
B.	*PANDUIT*® *MINI-COM*® Modules.	—
C.	T70SDB-X = Standard Faceplate Bracket.	C2.102
D.	PCPA**R20 Power Pole.	C2.96



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

Utilizing *PANDUIT* Snap-On Faceplates

	Components Required	See page
A.	T70FV2** = Single Gang Vertical Sloped Communication Snap-On Faceplate.	C2.52
B.	*PANDUIT*® *MINI-COM*® Modules.	—
C.	PCPA**R20 Power Pole.	C2.96

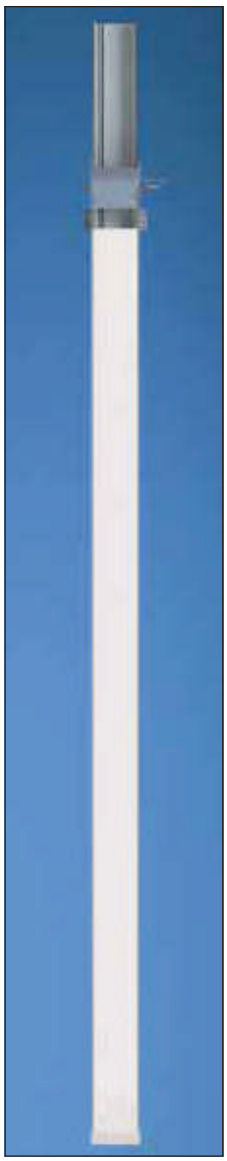


PAN-POLE™ Communication Pole

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

Supplied mounting hardware includes:

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



PCPA11
PCPA13

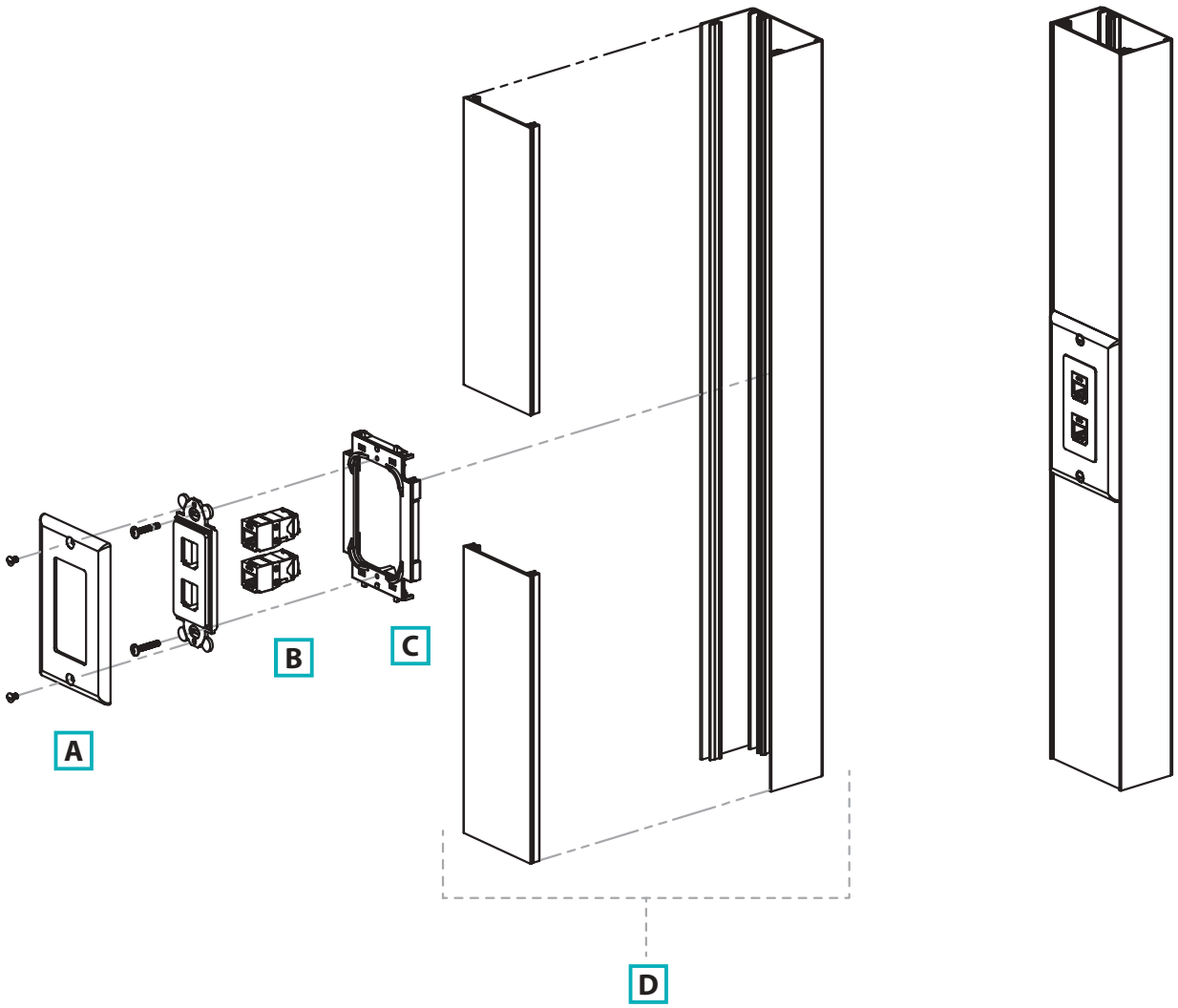
Part Number	Part Description	Color‡	Std. Pkg. Qty.
PCPA11IW	*PAN-POLE*™ Communication Pole Assembly is supplied in 11' length for maximum ceiling height of 10'.	Off White	1
PCPA13IW	*PAN-POLE*™ Communication Pole Assembly is supplied in 13' length for maximum ceiling height of 12'.	Off White	1

Communication Components sold separately.
‡For other colors replace IW (Off White) with EI (Electric Ivory).

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

Utilizing Standard Screw-On Faceplates

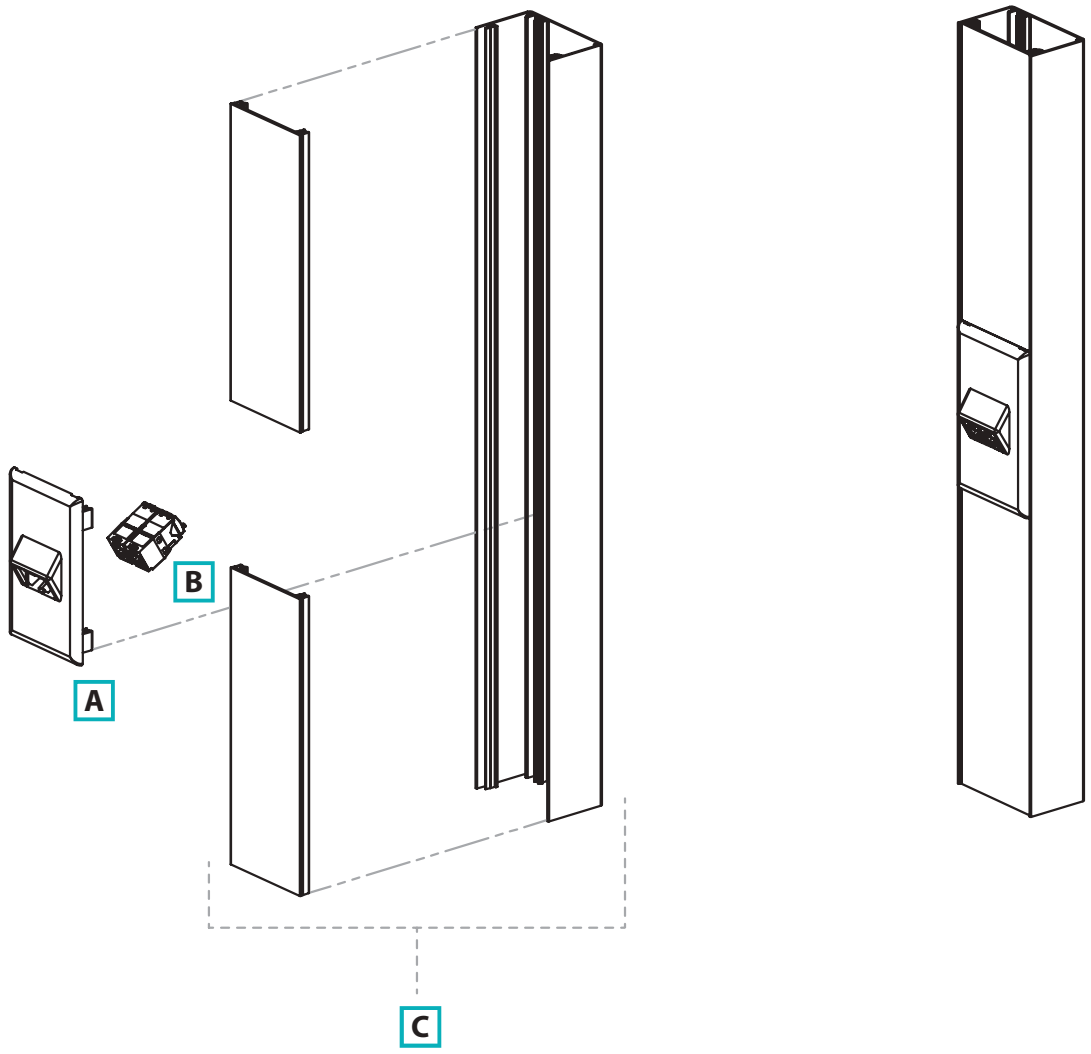
	Components Required	See page
A.	CPG** = Single Gang Rectangular Screw-On Faceplate (screws included).	C2.59
B.	*PANDUIT*® *MINI-COM*® Modules.	—
C.	T70SDB-X = Standard Faceplate Bracket.	C2.102
D.	PCPA** = Communication Pole.	C2.99



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

Utilizing *PANDUIT* Snap-On Faceplates

	Components Required	See page
A.	T70FV2** = Single Gang Vertical Sloped Communication Snap-On Faceplate.	C2.52
B.	*PANDUIT*® *MINI-COM*® Modules.	—
C.	PCPA** = Communication Pole.	C2.99



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 & 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 20A 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.	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 Kit without Outlet, rectangular power outlet needs to be purchased separately. Use with *Pan-Pole*™ Power Pole, PCPA11R20EI and PCPA13R20EI.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PAN-POLE™ Replacement Parts

PCPKIT

PCPTP

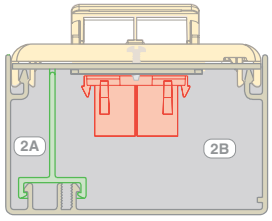
PCPEC

PCPBRC

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
PCPKITIW	Replacement includes: Bend radius control ramp, two thumb screws, one 2-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	—

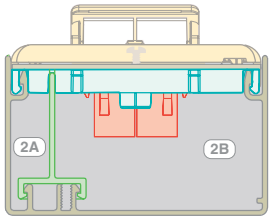
Cable Fill Capacities for *PAN-POLE*™ Power and Communication Poles

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.



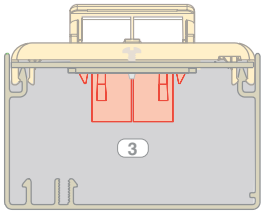
A = .47 in² | A = 2.75 in²

Cable fill #1: Power Pole with Data Terminals using Vertical Sloped Snap-on Communication Faceplate.



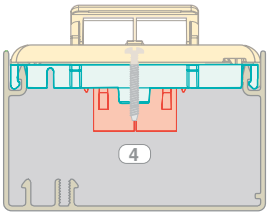
A = .43 in² | A = 2.15 in²

Cable fill #2: Power Pole with Data Terminals using Sloped Screw-on Communication Faceplate.



A = 3.47 in²

Cable fill #3: Communication Pole using Vertical Sloped Snap-on Communication Faceplate.



A = 2.83 in²

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 & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		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 5e (4pr)		Cat 6 (4pr)					
			.105	.122	.153	DIA. = .217		DIA. = .250		DIA. = .275		DIA. = .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 Pole: Power Channel.	.47	—	11	—	—	—	—	—	—	—	—	—
1B.	Power Pole: Data Channel using Sloped Snap-On Faceplate.	2.75	—	—	—	30	45	22	33	15	22	46	69
2A.	Power Pole: Power Channel.	.43	—	11	—	—	—	—	—	—	—	—	—
2B.	Power Pole: Data Channel using Sloped Screw-On Faceplate.	2.15	—	—	—	23	35	17	26	11	17	36	54
3.	Communication Pole using Sloped Snap-On Faceplate.	3.47	—	—	—	38	57	28	42	18	28	58	87
4.	Communication Pole using Sloped Screw-On Faceplate.	2.83	—	—	—	31	46	23	34	15	22	48	72