Raceway Selection Guide

for North America

PANDUIT®

infrastructure for a connected world

Non-Metallic Surface Raceway

Pan-Way® Non-Metallic Surface Raceway provides maximum flexibility for routing, protecting, and terminating high performance cabling systems. With today's fast-track projects and design/build jobs, selecting the best wiring method to support extensive data communications and power cabling is a real concern. As part of the Panduit Enterprise Solution, Pan-Way® Surface Raceway offers a safe, convenient and attractive method for secure routing by modifying or extending existing installations. It provides connections to existing work areas without the expense of in-wall cabling.

Panduit Surface Raceway is designed with attention to application and aesthetics to blend with any décor. All Panduit raceway systems offer a full complement of transition and bend radius fittings that facilitate integration between systems. It is compatible with standard NEMA screw-on faceplates or superior Pan-Way® Snap-On Faceplates, and a full line of junction boxes.

Non-metallic Surface Raceway (Small Capacity)

Low Voltage Single Channel Raceway (LD)
• LD is a one-piece raceway available in three sizes with adhesive backing
• Routes coaxial, fiber optic, and other low-voltage cables
• Full range of low voltage fittings

Power Rated Single Channel Raceway (LDPH and LDS; UL and CSA rated to 600V)
• LDPH is a tamper resistant two-piece raceway available in three sizes with pre-punched mounting holes and adhesive backing
• LDS is a tamper resistant solid piece design raceway available in two sizes with adhesive backing
• Full range of power rated fittings

Power Rated Multi Channel Raceway (LD2P10; UL and CSA rated to 600V)
• LD2P is a dual channel raceway with a flexible hinged cover and adhesive backing
• Suitable for routing data and power cables simultaneously
• Full range of power rated fittings

Non-metallic Surface Raceway (Large Capacity)

T-45 Surface Raceway (UL and CSA rated to 600V)
• T-45 is a medium sized raceway with pre-punched mounting holes; multi-directional hinged cover allows access from both sides
• Optional divider wall available for running power and data simultaneously

T-70 Surface Raceway (UL and CSA rated to 600V)
• T-70 is a large sized raceway with pre-punched mounting holes
• Optional snap-in divider wall for running power and data simultaneously
• Compatible with NEMA standard screw-on faceplates or Panduit snap-on faceplates

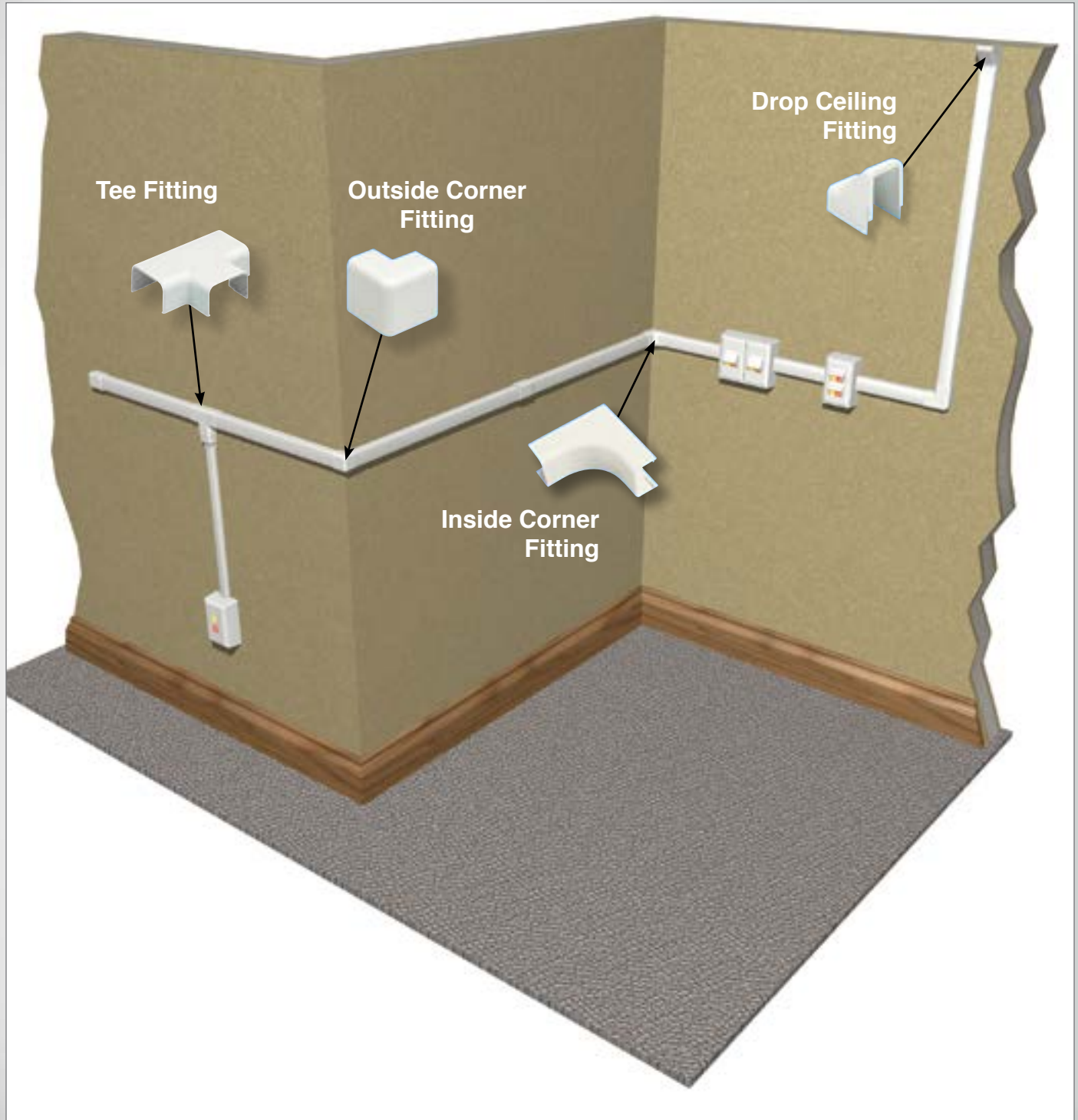For additional raceway solutions, please go to www.panduit.com.

Non-Metallic Surface Raceway Selection Guide

Table of Contents

Pan-Way® LD Profile Raceway

LD/LDPH/LDS/LD2P

Tee Fitting

Outside Corner Fitting

Drop Ceiling Fitting

Inside Corner Fitting

PANDUIT®

Pan-Way® LD Profile Raceway

LD

$A = .21$ in^2 — LD3 — .46" — .77"

$A = .38$ in^2 — LD5 — .60" — 1.01"

$A = 1.00$ in^2 — LD10 — .94" — 1.51"
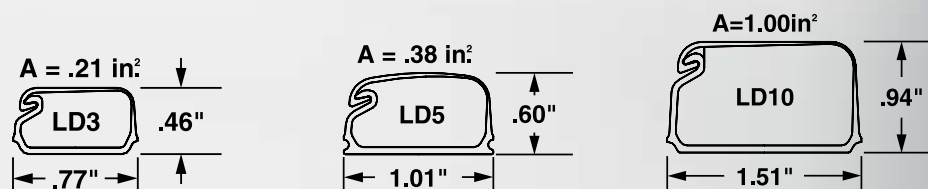
Part Number	Description
LD3IW6-A	LD Raceway is a single channel, one-piece hinged design ideal for low voltage applications.
LD5IW6-A	
LD10IW6-A	

LDS

$A = .21$ in^2 — LDS3 — .41" — .77"
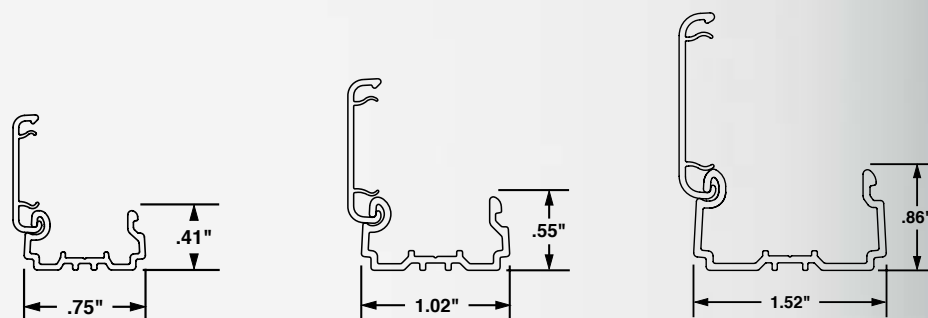
$A = .38$ in^2 — LDS5 — .55" — 1.01"

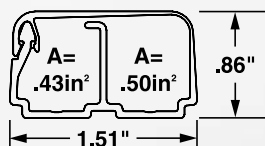| Part Number	Description
LDS3IW10-A	LDS Raceway is a single channel, solid design raceway ideal for data and power rated applications and requires the use of mounting straps.
LDS5IW10-A	

LDPH

.41" — .75"

.55" — 1.02"

.86" — 1.52"

Part Number	Description
LDPH3IW6-A	LDPH Raceway is a single channel, two-piece hinged design raceway ideal for data or power rated applications. It is UL and CSA rated up to 600V.
LDPH5IW6-A	
LDPH10IW6-A	

LD2P10

$A = .43$ in^2 — $A = .50$ in^2 — .86" — 1.51"

| Part Number	Description
LD2P10IW8-A	LD2PH Raceway is a tamper resistant multi-channel one-piece hinged design raceway ideal for data and power applications. It is UL and CSA rated up to 600V.

All raceway listed in IW (Off White). Other colors include: WH (White) and EI (Electric Ivory).
LD and LDPH Raceway available in 6, 8 and 10ft. lengths. LDS Raceway available in 10 foot lengths only. LD2P10 Raceway is available in 8 and 10 foot lengths.
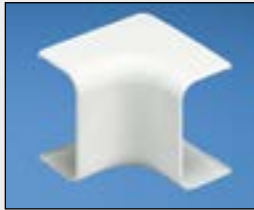
Standard LD Fittings for Low Voltage Applications
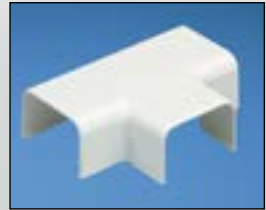

Coupler
CF3IW-E
CF5IW-E
CF10IW-X
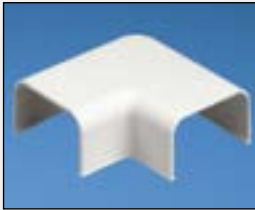
Right Angle
RAF3IW-E
RAF5IW-E
RAF10IW-X

Inside Corner
ICF3IW-E
ICF5IW-E
ICF10IW-X

Outside Corner
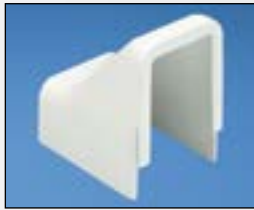OCF3IW-E
OCF5IW-E
OCF10IW-X

Tee
TF3IW-E
TF5IW-E
TF10IW-X

End Cap
ECF3IW-E
ECF5IW-E
ECF10IW-X

4-Way Cross
CRFC5IW-X

Drop Ceiling/Entrance End
DCF3IW-E
DCF5IW-E
DCF10IW-X

Fire Box Adapter
FBA5IW-X
FBA10IW-X

Reducer
RF5X3IW-E From size 5 to 3
RF10X3IW-X From size 10 to 3
RF10X5IW-X From size 10 to 5

One Inch Bend Radius Fittings for TIA Compliance

Inside Corner
ICF3IW-X
ICF5IW-X
ICF10IW-X

Outside Corner
OCFX3IW-X
OCFX5IW-X
OCFX10IW-X

Right Angle
RAFC3IW-E
RAFC5IW-E
RAFC10IW-X

Tee
TFC3IW-E
TFC5IW-E
TFC10IW-X

All LD Profile Raceway fittings are listed in IW (Off White). Other colors include: WH (White) and EI (Electric Ivory).
All items highlighted in **bold blue** comply with TIA bend radius requirements.

Standard LD Fittings for Power Rated Applications

Coupler
CFX3IW-X
CFX5IW-X
CFX10IW-X

Right Angle
RAFX3IW-X
RAFX5IW-X
RAFX10IW-X

Inside Corner
ICFX3IW-X
ICFXIW-X
ICFXIW-X

Outside Corner
OCFC3IW-X
OCFC5IW-X
OCFC10IW-X

Tee
TFX3IW-X
TFX5IW-X
TFX10IW-X

Tee for LD2P10
TFXD10IW-X

End Cap
ECFX3IW-x
ECFX5IW-x
ECFX10IW-X

Reducer
RFX53IW-X
RFX103IW-X
RFX105IW-X

**Drop Ceiling/
Entrance End**
DCEFXIW-X

Entrance End
EEFXIW

4-Way Cross
CRFX5IW-X

Conduit Entrance End
CEFXIW-X

**Right Angle/
Entrance End**
RAEFXIW-X

**Adapter for LD3 and
LD5 Size Raceway**
CA3IW-X
CA5IW-X

**LD Raceway
Cutting Tool**
SRT

All LD Profile Raceway fittings are listed in IW (Off White). Other colors include: WH (White) and EI (Electric Ivory).
All items highlighted in **bold blue** comply with TIA bend radius requirements.

Pan-Way® T-45 Surface Raceway

T-45 Raceway Roadmap

Reducer Fitting

Offset Box for Snap-On Faceplates

Snap-On Hinged Data Bracket

Pan-Way® T-45 Surface Raceway

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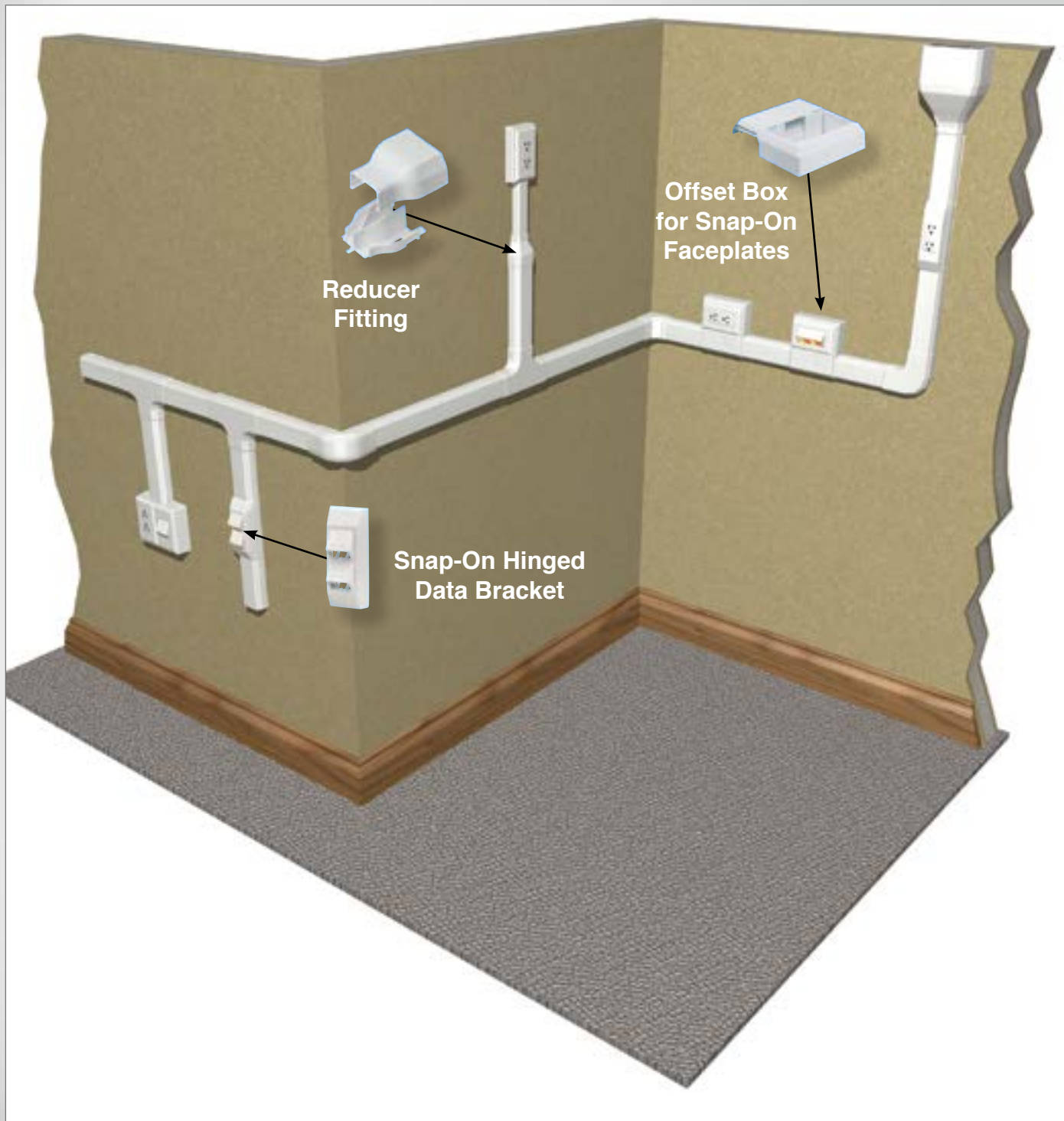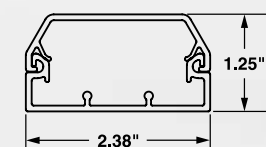
1.25"
2.38"
T-45
Internal Area = 2.12 Sq. In.

0.06 [1.5]
1.00 [25.4]
0.26 [6.6]
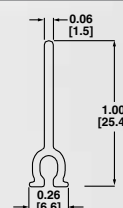
Part Number		Description
Base	T45BIW8	T-45 Raceway is a non-metallic multi-channel, two-piece, hinged cover design raceway ideal for routing data, voice, video, fiber optic and power cabling. It is UL and CSA rated up to 600V. T-45 Raceway is available in 8 foot and 10 foot lengths.
	T45BIW10	
Cover	T45CIW8	
	T45CIW10	
Divider Wall	T45DW8	
	T45DW10	

T-45 Raceway Fittings

Cover Coupler
T45CCIW-X

Right Angle
T45RAIW

Inside Corner
T45ICIW

Outside Corner
T45OCIW

Entrance End
T45EEIW

Reducer Fitting
T45RLDIW

End Cap
T45ECIW

Tee Fitting
T45TIW

Tee Fitting Insert
T45TD

T-45 Raceway Accessories

Wire Retainer
T45WR-X

Transition Insert
T45TRI

Electrical Bracket and Box for Rectangular Outlets
T45HEGBIW

Electrical Bracket and Box for 106 Duplex Outlets
T45HEBIW

Snap-On Hinged Data Bracket
T45HDBIW

Workstation Outlet Center for Screw-On Faceplates
T45WCIW

Workstation Outlet Center for Snap-On Faceplates
T45WC2IW

T-45 Raceway is available with adhesive backing. Add "-A" at end of part number. Example: T45BIW8-A.
T-45 Raceway and fittings are listed in IW (Off White). Other colors include: WH (White) and EI (Electric Ivory).
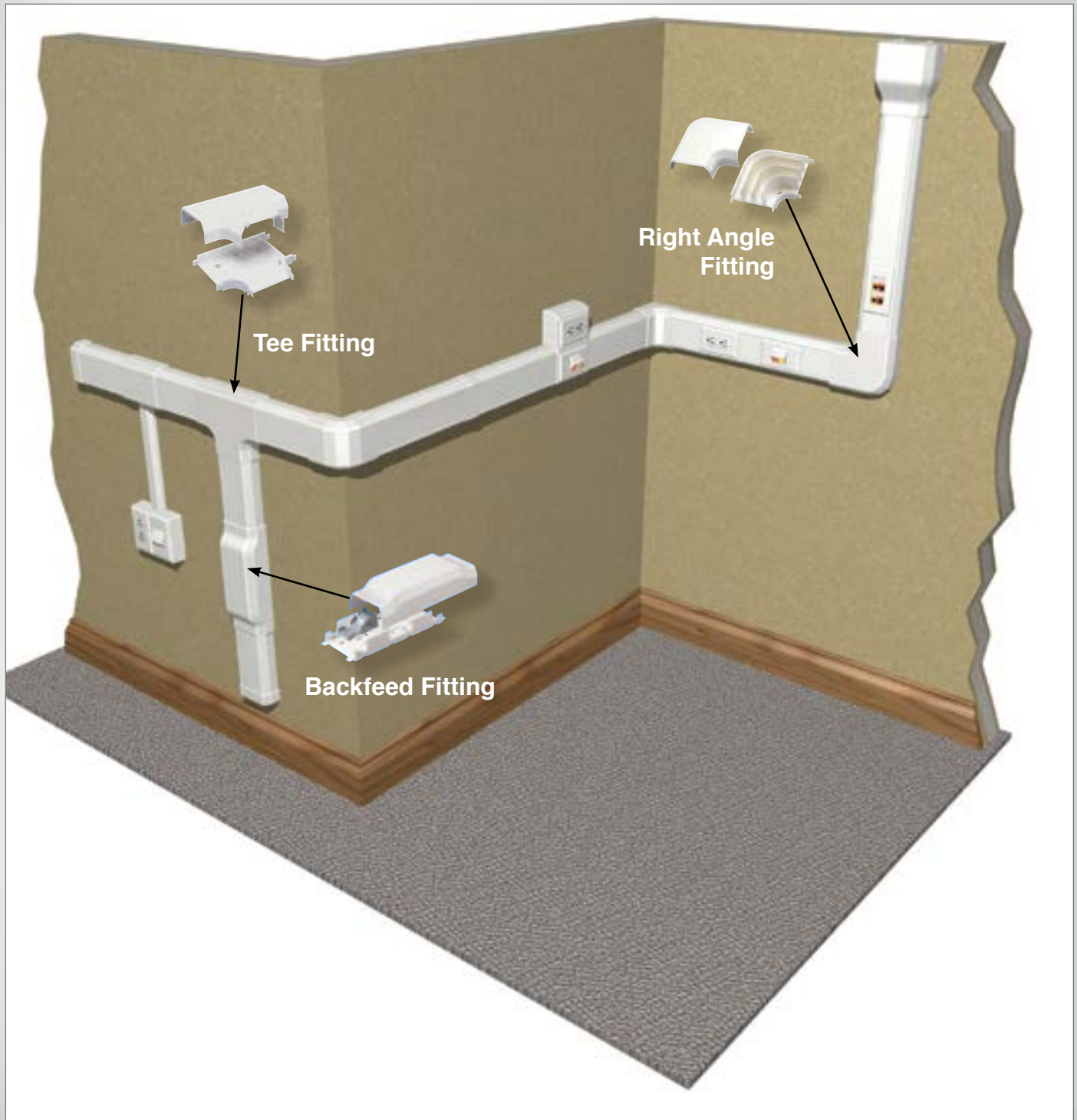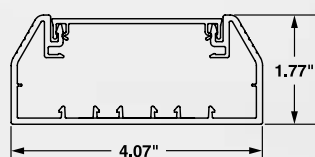
Pan-Way® T-70 Surface Raceway
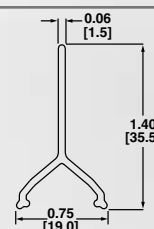
T-70 Raceway Roadmap

T-70 Surface Raceway

T-70

T-70
Internal Area = 5.15 Sq. In.

0.06 [1.5]
1.40 [35.5]
0.75 [19.0]
1.77"
4.07"

Part Number		Description
Base	T70BIW8	T-70 Raceway is a non-metallic large capacity, tamper resistant and multi-channel two-piece raceway. It is UL and CSA rated up to 600V and is ideal for routing data, voice, video, fiber optic and power cabling. T-70 Raceway transitions to T-45 and LD profile raceway for specific applications. T-70 Raceway is available in 8 foot and 10 foot lengths.
	T70BIW10	
Cover	T70CIW8	
	T70CIW10	
Divider Wall	T70DW8	
	T70DW10	

T-70 Raceway Fittings

Base Coupler
T70BCIW-X

Cover Coupler
T70CCIW-X

Outside Corner
T70OCIW

Inside Corner
T70ICIW

Right Angle
T70RAIW

End Cap
T70ECIW

Entrance End
T70EEIW

Transition
T70TRIW
T70TRCIW

Tee
T70TIW

Tee Divider
T70TD

Backfeed Fitting
T70BFIW

T-70 Raceway Accessories

Device Bracket
Screw-On and Snap-On
T70DB-X

Standard Faceplate
Bracket (Screw-On)
T70SDB-X

3-Sided Hanging Box
for GFCI
T70HB3GFCI-X

Offset Box
(Screw-On Faceplates)
T70WCIW

Offset Box
(Snap-On Faceplates)
T70WC2IW

3-Sided Hanging Box
(Screw-On and Snap-On)
T70HB3-X

Hanging Box
T70HB-X

Wire Retainers
T70WR-X

Transition Fitting
Insert
T70TRI

T-70 Raceway and fittings are listed in IW (Off White). Other colors include: WH (White) and EI (Electric Ivory).

Snap-On Faceplates

Low Voltage – Classic Style without Labeling

- Can be used with T-70 Raceway and Fast-Snap™ Outlet Boxes
- Available in horizontal and vertical orientation with two and four ports

T70FV2IW　　　　**T70FH2IW**

Ultimate ID® Classic Style Faceplates

- Can be used with T-70 Raceway and Fast-Snap™ Outlet Boxes
- Supplied with clear station and port label covers
- Available in horizontal and vertical orientation with two and four ports

UIT70FV2IW　　　　**UIT70FH2IW**

Classic Faceplate Frame Faceplates (Compatible with CHS2**-X and CHS2S**-X)

- Can be used with T-70 Raceway and Fast-Snap™ Outlet Boxes
- Single gang vertical or horizontal faceplates accept MIni-Com® Inserts
- Available in horizontal and vertical orientation with two and four ports

T70B1IW　　　　**T70BH1IW**

Low Voltage Faceplates – Standard NEMA Style

- Can be used with T-70 Raceway and Fast-Snap™ Outlet Boxes
- Available in 106 duplex or rectangular for communication applications

T70PSIW　　　　**T70PGSIW**　　　　**T70PNIW**

Power Rated Faceplates – Standard NEMA Style

- Can be used with T-70 Raceway and Fast-Snap™ Outlet Boxes
- Available in 106 duplex or rectangular for electrical/communication applications

T70PIW　　　　**T70PGIW**

Faceplates are listed in IW (Off White). Other colors include: WH (White) and EI (Electric Ivory).
Please visit www.panduit.com for additional faceplate styles.

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Screw-On Faceplates

Low Voltage – Classic Style with Labeling

- Accepts Mini-Com® Modules
- Includes label/label covers for easy port identification

CFPSL2IWY   CFPSL6IWY

Classic Faceplate Frame System (Compatible with 1/2 or 1/3 Inserts)

- Accepts inserts (CHS2**-x) which snap in and out
- Available in single gang and double gang
- CHS2IW-X and CHS2SIW-X (sloped) are compatible with CBIW, CBIW-2G, FP2DCIW and FP2RCIW

CBIW   CBIW-2G   CHS2IW-X

Power Rated – Duplex Style

- Screw-on single gang or double gang accepts 106 duplex outlet for electrical applications
- Available in stainless steel
- FP2DC** accepts Mini-Com® Inserts for communication applications

CP106IW   WPS-20   FP2DCIW   EDU20IW-X

Power Rated – Rectangular Style

- Screw-on single gang or double gang accepts rectangular outlet for electrical applications
- FP2RC** accepts Mini-Com® inserts for communication applications

CPGIW   CPNIW-X   FP2RCIW   ERU20IW-X

Faceplates are listed in IW (Off White). Other colors include: WH (White) and EI (Electric Ivory).
Please visit www.panduit.com for additional faceplate styles.

Junction Boxes

Fast-Snap™ Junction Boxes

- Assembles without the use of screws
- Compatible with snap-on faceplates
- Available in low voltage and power rated

JB1FSIW-A
(D= 1.62")

JB1FSDIW
(D= 2.75")

JBP1FSIW
(D= 1.62")

JBP2FSIW
(D= 1.62")

Low Voltage Junction Boxes

- Compatible with standard NEMA screw-on faceplates

JBX3510IW-A
(D= 1.62")

JB1IW-A
(D =1.75")
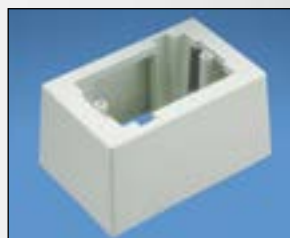
JB1DIW-A
(D= 2.75")

-A indicates product includes adhesive backing.
Boxes are listed in IW (Off White). Other colors include: WH (White).

Power Rated Junction Boxes

- Screw together junction boxes accept standard NEMA screw-on faceplates
- Accept standard NEMA screw-on faceplates

Single Gang Boxes

JBP1IW
(D= 1.75")

JBP1DIW
(D= 2.75")

JBP1EIW
(D= 1.00")

JBP1IIW
(D= 2.27")

Double Gang Boxes

Round Outlet Box

JBP2IW
(D= 1.62")

JBP2DIW
(D= 2.75")

JBP2SIW
(D=1.62")

RJBX3510IW
(Diameter = 5.48")
(Depth = 1.14")

Accessories

JBD1IW
Single gang pass-through

JBD2IW
Double gang pass-through

PSJBXIW
(D=1.31")

JBP1MR20IW
(D=1.20")

JBP1MD20IW
(D=1.22")

JBA-X

-A indicates product includes Adhesive backing.
Boxes are listed in IW (Off White). Other colors include: WH (White).

PANDUIT®

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