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

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## Pan-Way® LD Profile Raceway

### LD Raceway
- **Part Number**: LD3IWI6-A
- **Description**: LD Raceway is a single channel, one-piece hinged design ideal for low voltage applications.

### LDS Raceway
- **Part Number**: LDS3IWI10-A
- **Description**: LDS Raceway is a single channel, solid design raceway ideal for data and power rated applications and requires the use of mounting straps.

### LDPH Raceway
- **Part Number**: LDPH3IWI6-A
- **Description**: 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.

### LD2PH Raceway
- **Part Number**: LD2P10IWI8-A
- **Description**: 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.

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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
ICFX5IW-X
ICFX10IW-X

Outside Corner
OCFC3IW-X
OCFC5IW-X
OCFC10IW-X

Tee
TFX3IW-X
TFX5IW-X
TFX10IW-X

Coupler
CFX3IW-X
CFX5IW-X
CFX10IW-X

Right Angle
RAFX3IW-X
RAFX5IW-X
RAFX10IW-X

Inside Corner
ICFX3IW-X
ICFX5IW-X
ICFX10IW-X

Outside Corner
OCFC3IW-X
OCFC5IW-X
OCFC10IW-X

Tee
TFX3IW-X
TFX5IW-X
TFX10IW-X

Coupler
CFX3IW-X
CFX5IW-X
CFX10IW-X

Right Angle
RAFX3IW-X
RAFX5IW-X
RAFX10IW-X

Inside Corner
ICFX3IW-X
ICFX5IW-X
ICFX10IW-X

Outside Corner
OCFC3IW-X
OCFC5IW-X
OCFC10IW-X

Tee
TFX3IW-X
TFX5IW-X
TFX10IW-X

Coupler
CFX3IW-X
CFX5IW-X
CFX10IW-X

Right Angle
RAFX3IW-X
RAFX5IW-X
RAFX10IW-X

Inside Corner
ICFX3IW-X
ICFX5IW-X
ICFX10IW-X

Outside Corner
OCFC3IW-X
OCFC5IW-X
OCFC10IW-X

Tee
TFX3IW-X
TFX5IW-X
TFX10IW-X

Coupler
CFX3IW-X
CFX5IW-X
CFX10IW-X

Right Angle
RAFX3IW-X
RAFX5IW-X
RAFX10IW-X

Inside Corner
ICFX3IW-X
ICFX5IW-X
ICFX10IW-X

Outside Corner
OCFC3IW-X
OCFC5IW-X
OCFC10IW-X

Tee
TFX3IW-X
TFX5IW-X
TFX10IW-X

Coupler
CFX3IW-X
CFX5IW-X
CFX10IW-X

Right Angle
RAFX3IW-X
RAFX5IW-X
RAFX10IW-X

Inside Corner
ICFX3IW-X
ICFX5IW-X
ICFX10IW-X

Outside Corner
OCFC3IW-X
OCFC5IW-X
OCFC10IW-X

Tee
TFX3IW-X
TFX5IW-X
TFX10IW-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.
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 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).

T-45 Raceway Accessories

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

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.
Pan-Way® T-70 Surface Raceway

T-70 Raceway Roadmap

- Tee Fitting
- Right Angle Fitting
- Backfeed Fitting
T-70 Raceway Fittings

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base T70BIW8</td>
<td>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.</td>
</tr>
<tr>
<td>Cover T70CIW8</td>
<td></td>
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<tr>
<td>Divider Wall T70DW8</td>
<td></td>
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<tr>
<td>Base Coupler T70BCIW-X</td>
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</tr>
<tr>
<td>Cover Coupler T70CCIW-X</td>
<td></td>
</tr>
<tr>
<td>Outside Corner T70OCIW</td>
<td></td>
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<tr>
<td>Inside Corner T70ICIW</td>
<td></td>
</tr>
<tr>
<td>Right Angle T70RAIW</td>
<td></td>
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<tr>
<td>End Cap T70ECIW</td>
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<tr>
<td>Entrance End T70EEIW</td>
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<tr>
<td>Transition Fitting T70TRIW</td>
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<tr>
<td>Transition Insert T70TRCIW</td>
<td></td>
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<tr>
<td>Backfeed Fitting T70BFIW</td>
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T-70 Raceway Accessories

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device Bracket Screw-On and Snap-On T70DB-X</td>
</tr>
<tr>
<td>Standard Faceplate Bracket (Screw-On) T70SDB-X</td>
</tr>
<tr>
<td>3-Sided Hanging Box for GFCI T70HB3GFCI-X</td>
</tr>
<tr>
<td>Offset Box (Screw-On Faceplates) T70WCIW</td>
</tr>
<tr>
<td>Offset Box (Snap-On Faceplates) T70WC2IW</td>
</tr>
<tr>
<td>3-Sided Hanging Box (Screw-On and Snap-On) T70HB3-X</td>
</tr>
<tr>
<td>Hanging Box T70HB-X</td>
</tr>
<tr>
<td>Wire Retainers T70WR-X</td>
</tr>
<tr>
<td>Transition Fitting Insert T70TRI</td>
</tr>
</tbody>
</table>

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

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

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

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

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

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.
Screw-On Faceplates

Low Voltage – Classic Style with Labeling
- Accepts Mini-Com® Modules
- Includes label/label covers for easy port identification

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

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

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

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

Low Voltage Junction Boxes

- Compatible with standard NEMA screw-on faceplates

-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**

- 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).

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