

Surface Raceway Systems

Clean • Dependable • Versatile



PANDUIT®

Selection Guide

Comprehensive Cable Tie Solutions

When in-wall installations are not an option, surface raceway systems provide a clean, professional pathway for running low-voltage or electrical cables. This guide will help you to determine which surface raceway system is the best fit for your needs by addressing the most important considerations.

When to Use Surface Raceway Systems

These solutions are perfect for environments where you need to route, protect, and conceal cables without compromising aesthetics or safety.

Ideal settings include:

- Commercial spaces (offices, retail)
- Educational institutions
- Government facilities
- Residential environments

Important Note: These products are not recommended for areas that do not meet electrical or building codes, or where they may be exposed to physical damage or water.

Why Choose Surface Raceway?

- Provides a clean, organized cable pathway
- Complies with UL5A and CSA C22.2 No. 62.1-03 approvals for use up to 600V
- Offers flexibility for customized installations based on your needs

Quick Selection Tips

- **Low-voltage only?** Choose LD Series
- **Power-rated single channel?** Go with LDPH Series
- **Need multi-channel flexibility?** Consider T-45 or T-70 Series
- **Faceplate compatibility required?** Select T-70 Series
- **Need to conceal cables on floor surface?** Pick Above Floor Raceway

Surface Raceway Options

Panduit offers five versatile solutions to meet most market needs:

T-70 Series

- **Type:** Multi-channel (with snap-in divider)
- **Design:** Power-rated and compatible with standard NEMA faceplates
- **Features:** Available in multiple colors and lengths
- **Best For:** Installations requiring NEMA standard snap-on or screw-on faceplates

T-45 Series

- **Type:** Multi-channel (with snap-in divider)
- **Design:** Power-rated with multi-directional hinged cover for access from either side
- **Features:** Available in multiple colors and lengths
- **Best For:** Areas where greater capacity is required while offering a smaller footprint

LD Series

- **Type:** Single low-voltage channel
- **Design:** One-piece hinged cover
- **Features:** Available in multiple colors, sizes, and lengths
- **Best For:** Economic solution for routing low voltage cable along smooth and clean perimeter walls

LDPH Series

- **Type:** Single power-rated channel
- **Design:** Two-piece hinged cover
- **Features:** Available in multiple colors, sizes, and lengths
- **Best For:** Economic solution for routing power or low voltage cable along smooth and clean perimeter walls

Above Floor Surface Raceway

- **Type:** Multi-channel, Low-profile, above-floor cable pathway
- **Design:** Low profile, power rated, durable non-metallic with crush resistant design
- **Features:** ADA compliant, easy to install on-floor cable management solution with snap on covers with 2,000 lb. Load Rating
- **Best For:** Ideal for routing data, voice, and power cables in open office layouts, allowing easy reconfiguration of workspaces as needed

T-70 Multichannel Raceway

- Can be used as single-channel and multi-channel (divider required) to provide a solution for routing copper, fiber optic, audio/video and power cabling along fixed perimeter walls
- Compatible with NEMA standard faceplates
- Consists of base and cover, fittings, termination hardware and accessories
- Can easily transition to T-45 and LD raceways

T-70 Raceway Base, Cover and Divider Wall



Part Number	Length (ft) [^]	Color**
T70BIW6	6	Off White (IW) White (WH) Electric Ivory (EI)
T70BIW8	8	
T70BIW10	10	
T70CIW6	6	
T70CIW8	8	
T70CIW10	10	
T70DW6	6	
T70DW8	8	
T70DW10	10	

[^] - Available in 6 ft. , 8 ft. and 10 ft. lengths
 Base and Cover available separately
 Divider wall available to convert into multi channel

T-70 Raceway Fittings

Part Number	Description
T70BCIW-X	Base coupler
T70CCIW-X	Cover coupler
T700CIW	Outside corner
T70ICIW	Inside corner
T70RAIW	Right angled
T70ECIW	End cap
T70EEIW	Entrance end
T70TIW	Tee fitting
T70TD	Tee divider
T70TRIW	Transition fitting
T70TRCIW	Transition fitting corner



T-70 Multichannel Raceway (continued)

T-70 Raceway Accessories

Part Number	Description
T70DB-X	Device bracket
T70SDB-X	Standard faceplate bracket
T70HB3-X	3-sided hanging box
T70HB-X	Hanging box
T70WR-X	Wire retainer
T70WCIW	Offset box for screw-on faceplate
T70WC2IW	Offset box for snap-on faceplate



T-45 Multichannel Raceway

- Can be used as single-channel and multi-channel (divider required) to provide a solution for routing copper, fiber optic, audio/video and power cabling along fixed perimeter walls
- Multi-directional hinge provides easy access from either side of the raceway
- Consists of base and cover, fittings, termination hardware and accessories
- Can easily transition to LD raceway

T-45 Raceway Base, Cover and Divider Wall



T45B**A



T45C**A



T45D**A

Part Number	Length (ft)^	Color**
T45BIW8	8	Off White (IW) White (WH) Electric Ivory (EI)
T45BIW10	10	
T45BIW12	12	
T45CIW8	8	
T45CIW10	10	
T45CIW12	12	
T45DW8	8	
T45DW10	10	
T45DW12	12	

^ - Available in 8 ft., 10 ft. and 12 ft. lengths
Base and Cover available separately
Divider wall available to convert into multi channel

T-45 Raceway Fittings

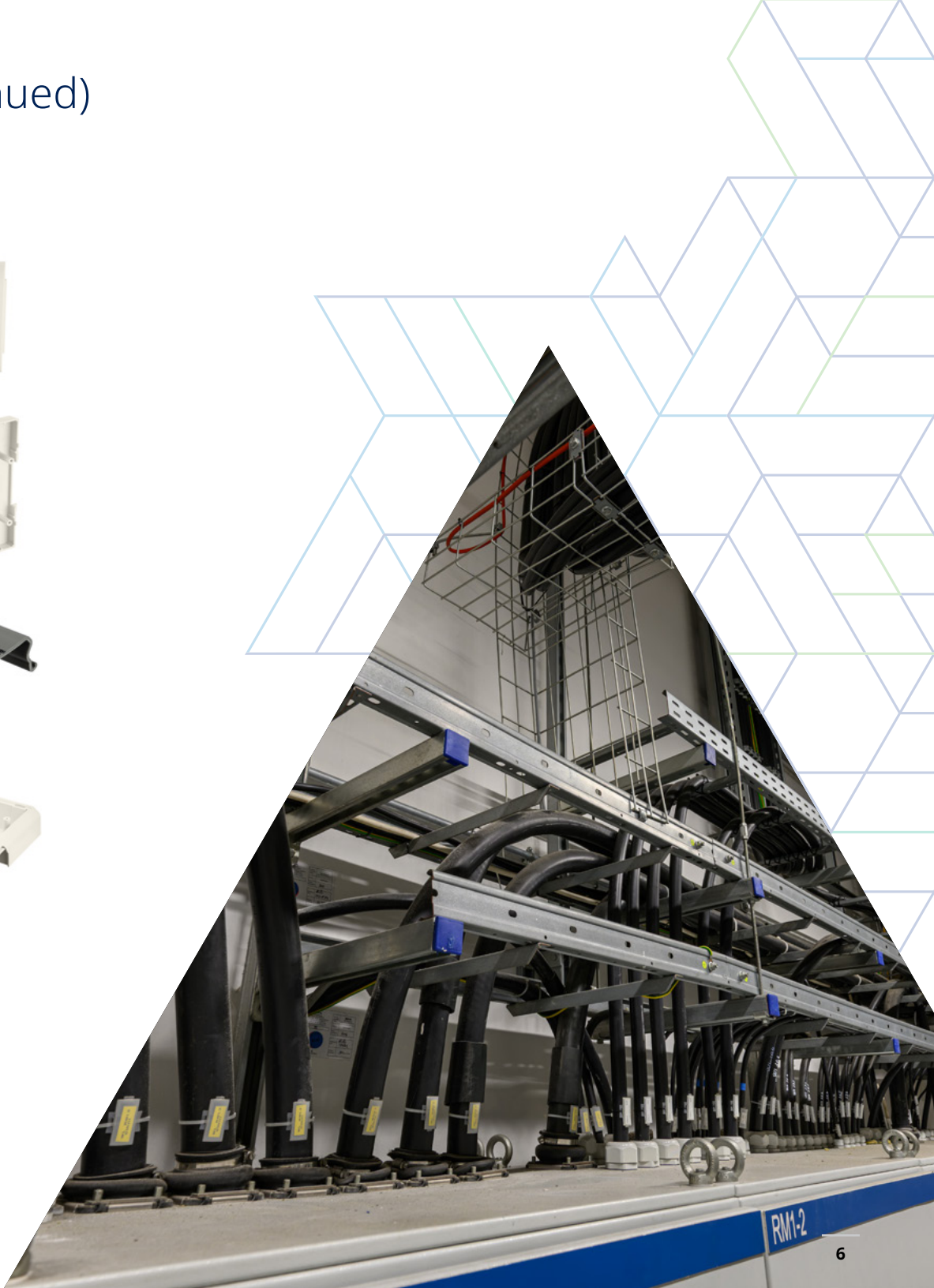
Part Number	Description
T45CCIW-X	Cover coupler
T450CIW	Outside corner
T45ICIW	Inside corner
T45RAIW	Right angled
T45ECIW	End cap
T45EEIW	Entrance end
T45TIW	Tee fitting



T-45 Multichannel Raceway (continued)

T-45 Raceway Accessories

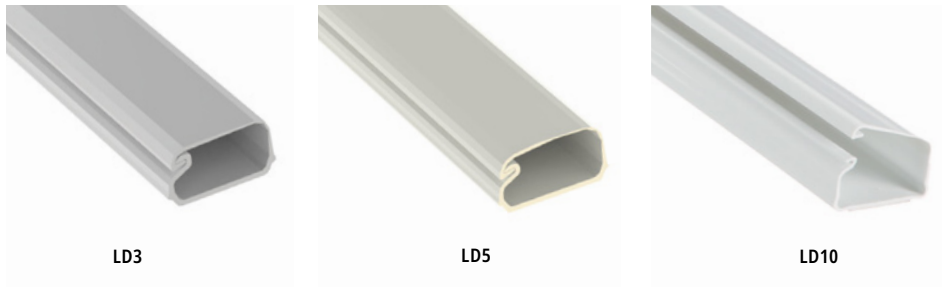
Part Number	Description
T45HDBIW	Hinged Data bracket
T45HEGBIW	Electrical bracket and box - GFCI
T45WR-X	Wire retainer
T45WCIW	Offset box for standard faceplates



Single Channel

- Single channel raceway is available in low voltage and power rated for routing copper, fiber optic, audio/video and power cabling along fixed perimeter walls
- Includes a full offering of fittings for standard, bend radius control, power rated and multi-channel use

LD style - For low voltage applications



Part Number	Height (in)	Length (ft)^	Color**
LD3IW6-A	0.46	6	Off White (IW) White (WH) Electric Ivory (EI)
LD3IW8-A		8	
LD3IW10-A		10	
LD5IW6-A	0.58	6	
LD5IW8-A		8	
LD5IW10-A		10	
LD10IW6-A	0.94	6	
LD10IW8-A		8	
LD10IW10-A		10	

^ - Available in 6 ft., 8 ft. and 10 ft. lengths
Single Channel one-piece hinged design
For data and low voltage cabling

LDPH style - For low voltage applications



Part Number	Height (in)	Length (ft)^	Color**
LDPH3IW6-A	0.41	6	Off White (IW) White (WH) Electric Ivory (EI)
LDPH3IW8-A		8	
LDPH3IW10-A		10	
LDPH5IW6-A	0.55	6	
LDPH5IW8-A		8	
LDPH5IW10-A		10	
LDPH10IW6-A	0.86	6	
LDPH10IW8-A		8	
LDPH10IW10-A		10	

^ - Available in 6 ft., 8 ft. and 10 ft. lengths
Single Channel two piece hinged design
For data and power rated applications, UL and CSA rated 600V

LD/LDPH Fittings:

Fitting Type	Size	Low Voltage	Power Rated	Power rated 1" Bend Radius
Coupler	3	CF3**-E	CFX3**-X	-
	5	CF5**-E	CFX5**-X	
	10	CF10**-X	CFX10**-X	
Right Angle	3	RAF3**-E	RAFX3**-X	RAFC3**-X
	5	RAF5**-E	RAFX5**-X	RAFC5**-X
	10	RAF10**-X	RAFX10**-X	RAFC10**-X
Inside Corner	3	ICF3**-E	ICFX3**-X	ICFC3**-X
	5	ICF5**-E	ICFX5**-X	ICFC5**-X
	10	ICF10**-X	ICFX10**-X	ICFC10**-X
Outside Corner	3	OCF3**-E	-	OCFX3**-X
	5	OCF5**-E		OCFX5**-X
	10	OCF10**-X	OCFX10**-X	OCFX10**-X
Tee	3	TF3**-E	TFX3**-X	TFC3**-X
	5	TF5**-E	-	TFC5**-X
	10	TF10**-X	TFX10**-X	TFC10**-X
End Cap	3	ECF3**-E	ECFX3**-X	-
	5	ECF5**-E	ECFX5**-X	
	10	ECF10**-X	ECFX10**-X	
Drop Ceiling/Entrance End	3	DCF3**-X	-	DCEFX**-X
	5	DCF5**-X		-
	10	DCF10**-X		



LD/LDPH Fittings (continued)

Fitting Type	Size	Low Voltage	Power Rated	Power rated 1" Bend Radius
Fire box adapter	5	FBA5**-X	–	–
4-Way Cross	5		CRFX5IW-X	
Reducer	–	–	RFX103**-X from size 10 to 3	
Conduit Entrance End			CEFX**-X	
Right Angle/Entrance End	3	–	–	
	5			
	10			



Above Floor Surface Raceway

- Above Floor Surface Raceway is a multi-channel raceway which provides solutions for routing, low voltage, fiber optic and/or power cabling over floors
- This product can mount NEMA standard screw-on faceplates directly to the junction box and can transition to T-70 raceway for cable routing along walls
- Meets 2010 American Disability Association standards by design
- Suitable for use in 600 volts, made of impact resistant material with flammability rating of V-0

Part Number	Description
AFR4CC**	Coupler
AFR4TRT70**	Transition to T-70 fitting
AFR4RA**	Right angle
AFR4EC**	End cap
AFR4JB2S**	Junction box
AFR4WTR**	Wall transition
AFR4TLG**	Table leg fitting



Channel

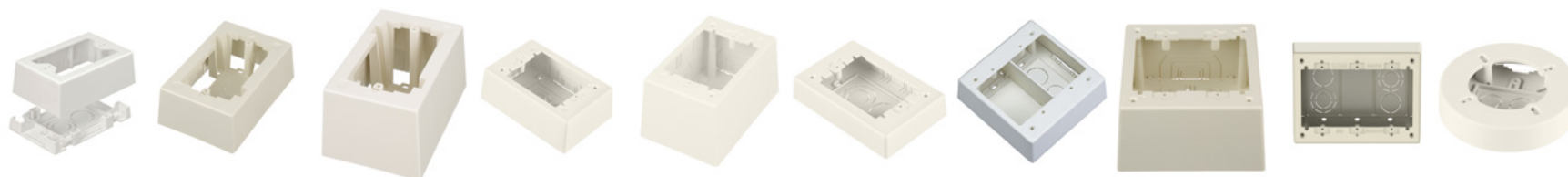
Part Number	Description	Color
AFR4BCBL6	Base and cover 6ft	Black
AFR4BCOS6		Office Slate

Includes base and cover
Available in 6ft length



Junction Boxes

- Junction boxes are available for both power and communication applications. Are compatible with LD, LDPH and T-45 raceway
- Various size configuration are available, in one or two piece design with a variety of depths



	JBX3510**-A	JB1**-A	JB1D**-A	JBP1**	JBP1D**	JBPIE**	JBP2**	JBP2D**	JBP3D**	RJBX3510**
Voltage										
Low Voltage	✓	✓	✓	-	-	-	-	-	-	-
Power Rated	-	-	-	✓	✓	✓	✓	✓	✓	✓
Two piece	✓	-	-	✓	✓	✓	✓	✓	✓	✓
One piece	-	✓	✓	-	-	-	-	-	-	-
Depth	1.62 in.	1.75 in.	2.75 in.	1.75 in.	2.75 in.	1.00 in.	1.62 in.	2.75 in.	2.75 in.	1.14 in.
Adhesive	✓	✓	✓	-	-	-	-	-	-	-
Gang size										
Single	✓	✓	✓	✓	✓	✓	-	-	-	-
Double	-	-	-	-	-	-	✓	✓	-	-
Triple	-	-	-	-	-	-	-	-	✓	-
Round	-	-	-	-	-	-	-	-	-	✓

Faceplates



	T70FV2**	T70FH2**	T70P**	T70PG**	CPG**	CPN**	CFP2SL2**Y
Number of Ports							
2	✓	✓	-	-	-	-	✓
4	✓	✓	-	-	-	-	✓
Sloped Style							
Mini-Com Module Type	✓	✓	-	-	-	-	-
Color (IW, WH, EI)							
	✓	-	-	-	-	-	✓
Outlet orientation							
Vertical	✓	-	✓	✓	✓	✓	✓
Horizontal	-	✓	✓	✓	✓	✓	✓
Screw-On							
	-	-	-	-	✓	✓	✓
Snap-On							
	✓	✓	✓	✓	-	-	-
Rating							
Low Voltage	✓	✓	-	-	-	-	✓
Power Rated	-	-	✓	✓	✓	-	-
Compatible							
T-70 raceway	✓	✓	✓	✓	-	-	-
Standard NEMA opening*	-	-	-	-	✓	✓	✓

*Visit [panduit.com](https://www.panduit.com) for additional screw-on low voltage communication faceplates.

Making the connections that matter.

We have the knowledge and experience to help you make the most of your infrastructure investment.

panduit.com



Let's connect
panduit.com/contact-us

PANDUIT®
infrastructure for a connected world