Pan-Way<sup>®</sup> Surface Raceway





building a smarter, unified business foundation Connect. Manage. Automate.

### Surface Raceway Applications

Facility and IT network teams are being challenged to build up or remodel their enterprise buildings. Surface raceway products provide maximum flexibility for routing, protecting, and concealing high-performance copper, voice, video, fiber optic, and electrical wiring within any enterprise environment to:

- · Provide an innovative and satisfying office environment
- · Maintain the vision to allow for future business growth
- Enable new smart devices
- Conserve limited resources



### **Education**

Surface mount raceway can be found inside educational facilities; such as classrooms, laboratories, libraries, auditoriums, dorm rooms, and administrative offices.



#### Government/Military

Government buildings, as well as state and local municipalities, utilize raceway in administrative offices and open work areas. Military installations, such as U.S. Air Force bases, utilize raceway throughout their locations.



#### Healthcare

Healthcare offices including facilities, individual workstations, laboratories, and patient care areas employ raceway.

### Features and Benefits of Pan-Way® Surface Raceway



- Durable PVC construction
- Lightweight
- Easy to transport
- Simple one-person installation
- Reduces overall installer fatigue



- Will not chip, rust, or corrode
- No special tools required for cutting
- Can be cut with standard saws and blades
- No sharp burrs or rough edges to file



- RoHS compliant
- UL94V-0 flammability rating
- Meets applicable international, UL, and customer standards
- Fittings maintain TIA/EIA bend radius control



- Provides power, data, or both in the same raceway
- Large output of power and/or data access points
- Tamper resistant
- Wide range of sizes and profiles

### Unique Features of Pan-Way® Surface Raceway

### Pan-Way<sup>®</sup> Fast-Snap<sup>™</sup>/Snap-On Technology

Pan-Way<sup>®</sup> Fast-Snap<sup>™</sup> Surface Mount Boxes assemble without the use of screws or additional hardware and can accommodate both power and communication applications. Fast-Snap<sup>™</sup> Boxes can accept any standard NEMA 70mm screw-on faceplate. Pan-Way<sup>®</sup> Snap-On Faceplates attach directly to Fast-Snap<sup>™</sup> Boxes, any 70mm raceway, Cove, or Pan-Pole<sup>™</sup> device without the use of screws or additional hardware.



	Components Required
A	Snap-on vertical sloped communication faceplate – 2-port (T70FV2)
В	Mini-Com® Modules
С	Fast-Snap <sup>™</sup> Double Gang power rated (JBP2FS)

### Unique 70mm Raceway (T-70, Twin-70, and TG-70)

70mm channel opening allows multiple inline access points for space optimization and aesthetic installation, while supporting Pan-Way<sup>®</sup> Snap-On Faceplates. This unique raceway also supports any NEMA standard screw-on faceplate with use of device bracket and can reduce to smaller profile raceway (T-45 or LD raceway).



### Modular Divider Wall (T-70, Twin-70, TG-70, and T-45)

This modular divider wall allows channel configuration flexibility.



### **Aesthetically Pleasing Design**

T-70, Twin-70, TG-70 and T-45 is designed with a beveled profile to help blend in to existing décor. Cove raceway is designed to resemble crown molding.



## T-70 Profile Raceway

- Two-piece design
- Multi channel (with divider wall)





# Twin-70 Profile Raceway

- Three-piece design
- Independent dual channel
- Further division of channels (with divider wall)





Twin-70 Raceway Base and Cover (T702B\*\*, T70C\*\*)



T-70 Cover Coupler Fitting (T70CC\*\*)



T-45 Raceway Base and Cover (T45B\*\*, T45C\*\*)



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(T702IC\*\*)

Twin-70 Tee Fitting (T702T\*\*)

**Twin-70 Inside Corner Fitting** 



T-70 Raceway Base and Cover (T70B\*\*, T70C\*\*)



Twin-70 End Cap Fitting (T702EC\*\*)



Twin-70 Transition Fitting (T702TR\*\*)



Twin-70 Transition Fitting (T702TRL\*\*)



Single Gang Rectangular Electrical/Communication Snap-On Faceplate (T70PG\*\*)



Vertical Sloped Communication Snap-On Faceplate (T70FV2\*\*)



Fast-Snap<sup>™</sup> Double Gang Power Rated Surface Mount Outlet Box (JBP2FS\*\*)



20 A Rectangular Electrical Outlet (ERU20\*\*)



Twin-70 Outside Corner Fitting (T702OC\*\*)



Twin-70 Base Coupler Fitting (T702BC\*\*)



T-70 Right Angle Fitting (T70RA\*\*)



T-70 End Cap Fitting (T70EC\*\*)



Ultimate ID<sup>®</sup> Sloped Horizontal Snap-On Faceplate (UIT70FH4\*\*)



Twin-70 Right Angle Fitting (T702RA\*\*)



Twin-70 Entrance End Fitting (T702EE\*\*)





# TG-70 Profile Raceway

- Two-piece design
- Multi channel (with divider wall)
- X-Large internal area





TG-70 Raceway Base and Cover (TG-70\*\*)



TG-70 Raceway Divider Wall (TGDW)



Raceway (LD2P10\*\*)



TG-70 End Cap (TGEC\*\*)



TG-70 Transition Fitting (TGTR\*\*)



TG-70 Inside Corner Fitting (TGIC\*\*)

TG-70 Backfeed Fitting (TGBF\*\*)

**TG-70 Outside Corner Fitting** 

TG-70 Tee Fitting (TGT\*\*)

TG Tee Divider (TGTD)

(TGOC\*\*)

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Fast-Snap<sup>™</sup> Double Gang Power Rated Surface Mount Box (JBP2FS\*\*)

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Ultimate ID<sup>®</sup> Sloped Horizontal Snap-On Faceplate (UIT70FH4\*\*)

**TG-70 Right Angle Fitting** 

(TGRA\*\*)

TG-70 Hanging Box with Divider

Wall (TG70HB3-X)



Vertical Sloped Communication Snap-On Faceplate (T70FV2\*\*)



20 A Rectangular Electrical Outlet (ERU20\*\*)



Single Gang Rectangular Power and Communication Faceplate (CPG\*\*)



T-70 Device Mounting Bracket (T70DB-X)



T-70 Cover Couplers (T70CC\*\*)

TG-70 Base Couplers (TG70BC\*\*)





### T-45 Profile Raceway

- Two-piece, hinged design
- Multi channel (with divider wall)





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**T-45 Raceway Base and Cover** (T45B\*\*, T45C\*\*)

T-45 Divider Wall (T45DW\*\*)

LDPH Raceway (LDPH10\*\*)

T-45 End Cap Fitting (T45EC\*\*)



Single Gang Rectangular **Electrical/Communication** Screw-On Faceplate (CPG\*\*)



**T-45 Inside Corner Fitting** (T45IC\*\*)



T-45 Offset Box for Screw-On Faceplates/Receptacles (T45WC\*\*)



Single Gang Rectangular Electrical/ **Communication Snap-On Faceplate** (T70PG\*\*)



T-45 Tee Fitting and Divider (T45T\*\* and T45TD)



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T-45 Offset Box for Snap-On Faceplates (T45WC2\*\*)

Ultimate ID<sup>®</sup> Sloped Horizontal

Snap-On Faceplate (UIT70FH4\*\*)



Fast-Snap<sup>™</sup> Double Gang Power **Rated Surface Mount Outlet Box** (JBP2FS\*\*)

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T-45 Snap-On Hinged Data Bracket (T45HDB\*\*)



**T-45 Outside Corner Fitting** (T45OC\*\*)



T-45 Reducer Fitting (T45RLD\*\*)



**Power Rated Single Gang** 



**T-45 Right Angle Fitting** (T45RA\*\*)



**T-45 Electrical Bracket** (T45HEGB\*\*)



20 A Rectangular Electrical Outlet (ERU20\*\*)





# LD Profile Raceway

- One-piece, hinged design
- Single channel





# LDPH Profile Raceway

- Two-piece, hinged design
- Single channel
- Power rated







Power Rated Outside Corner Fitting (OCFC10\*\*)



Raceway (LDPH5\*\*)



Power Rated/1 Inch Bend Radius Coupler Fitting (CFX10\*\*)



Power Rated/1 Inch Bend Radius End Cap Fitting (ECFX10\*\*)



Power Rated/1 Inch Bend Radius Right Angle Entrance End Fitting (RAEFX\*\*)



Power Rated Tee Fitting (TFX10\*\*)



Power Rated Inside Corner Fitting (ICFX10\*\*)



Power Rated/1 Inch Bend Radius Reducer Fitting (RFX105\*\*)



Power Rated Double Gang Two-Piece Box (JBP2\*\*)



Power Rated Single Gang Two-Piece Box (JBP1\*\*)



Double Gang Rectangular Screw-On Faceplates (CPG\*\*-2G)



Single Gang Rectangular Screw-On Faceplate (CPG\*\*)



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Power Rated Right Angle Fitting (RAFX10\*\*)



20 A Rectangular Electrical Outlet (ERU20\*\*)



Power Rated/1 Inch Bend Radius Drop Ceiling Entrance End Fitting (DCEFX\*\*)

# LD2P10 Profile Raceway

- One-piece, hinged design
- Dual channel





Double Gang Rectangular Screw-On Faceplate (CPG\*\*-2G)



Power Rated End Cap Fitting (ECFX10\*\*)



Power Rated Inside Corner Fitting (ICFX10\*\*)



1 Inch Bend Radius Tee Fitting (TFXD10\*\*)



Power Rated Single Gang Two-Piece Box (JBP1\*\*)



Power Rated Double Gang Two-Piece Divided Box (JBP2S\*\*)



Single Gang Rectangular Screw-On Faceplate (CPG\*\*)



Double Gang Rectangular Electrical and Two Communication Insert Faceplate (FP2RC\*\*)



Power Rated Coupler Fitting (CFX10\*\*)



20 A Rectangular Electrical Outlet (ERU20\*\*)



Single Gang Two-Piece Deep Box (JBP1D\*\*)



1 Inch Bend Radius Outside Corner Fitting (OCFX10\*\*)



Single Gang Pass Through Divider for LD2P10 Raceway (JBD1)



Power Rated Double Gang Two-Piece Deep Box (JBP2D\*\*)



Power Rated Right Angle Fitting (RAFX10\*\*)



JBD2 – Double Gang Pass Through and Divider for LD2P10 Raceway



Power Rated/1 Inch Bend Radius Entrance End Fitting (EEFX\*\*)

## Cove Raceway

- Two-piece design
- Multi channel (with divider wall)
- Designed for corner applications







Fast-Snap<sup>™</sup> Double Gang Power Rated Surface Mount Outlet Box (JBP2FS\*\*)



Ultimate ID<sup>®</sup> Sloped Vertical Snap-On Faceplate (UIT70FV4\*\*)



Single Gang Rectangular Electrical/ Communication Snap-On Faceplate (T70PG\*\*)



Cove Raceway Outside Corner Fitting (WCM35OCIW)



Cove Raceway Cover Coupler Fitting (WCM35CCIW)



Cove Raceway Tee Fitting (WCM35TIW)



Cove Raceway Tee Fitting Insert (WCM35TI)



Cove Raceway Low Profile Transition Fitting for T-70 Raceway (WCM35TR70IW)



T-70 Workstation Outlet Center™ Offset Box for Snap-On Faceplates (T70WC2\*\*)



Ultimate ID<sup>®</sup>Horizontal Snap-On Faceplate (see SA-NCCB51) (UIT70FH2\*\*)



T70 Raceway End Cap Fitting (T70EC\*\*)



Double Gang Rectangular Electrical and Communication Faceplate (FP2RC\*\*)



Cove Raceway Device Box and Faceplate Adapter (WCM35DBFIW)



Ultimate ID<sup>®</sup> Horizontal Snap-On Faceplate (UIT70FH4\*\*)

### Office Furniture Raceway

- One-piece, hinged design
- Single channel
- Designed to run on top of office furniture partitions



Note: Office furniture raceway is designed to blend with its environment. Shown in white on office slate furniture for illustration purposes only.

1 Choose Raceway Profile

Choose Fittings

Choose Accessories

3



Visit www.panduit.com for product details and color availability. 21

### Additional Pan-Way® Surface Raceway Offerings

Pan-Way<sup>®</sup> LDS Surface Raceway System:



- Single channel
- Solid-piece design
- Non-metallic raceway; bendable to route around and over obstructions in low-voltage applications

### Pan-Pole<sup>™</sup> Communication Pole

### Pan-Pole<sup>™</sup> Power and Communication Poles:

- Available in 11 or 13 foot lengths
- Extension kits can increase height of poles to 16
   or 22 feet
- Pan-Pole<sup>™</sup> Power Pole: dual-channel aluminum pole with non-metallic cover; pre-terminated with two 20 A factory-installed electrical outlets
- Pan-Pole<sup>™</sup> Communication Pole: single-channel aluminum pole with non-metallic cover for routing low-voltage communication cabling only



	<b>Components Required</b>						
A	Single gang vertical sloped communication snap-on faceplate (UIT70FV2**)						
В	Mini-Com <sup>®</sup> Modules						
С	Communication pole (PCPA**)						



#### **Surface Raceway Cutting Tool:**

Hand-held tool designed to cut all LD
 Profile raceway



#### Foam Tape:

- Acrylic foam tape has a high-temperature rating and is generally used where exposure to ultraviolet light will occur
- Rubber foam tape is generally used in applications where moderate temperatures are involved



# Pan-Way<sup>®</sup> Snap-On Faceplates and Surface Mount Outlet Boxes:

- Available for both power and communication applications.
- Fast-Snap boxes and snap-on faceplates assemble without the use of screws.
- Snap-on communication faceplates are available in horizontal or vertical sloped outlet configurations.

# Pan-Way® Surface Raceway Selection Chart/Summary

	Description	Application			Internal Area				
Product		Data/ Communication Cabling Only			Small	Medium (2 – 4 In.²)	Large (4 – 7 In.²)	X-Large (Over 7 In. <sup>2</sup> )	Page No.
T-70	<ul><li>Two-piece design</li><li>Multi-channel (with divider wall)</li></ul>	х	Х	х			х		4, 5
Twin-70	<ul> <li>Three-piece design</li> <li>Dual channel</li> <li>Further division of channels (with divider wall).</li> </ul>	х	х	x				х	6, 7
TG-70	<ul> <li>Two-piece design</li> <li>Multi-channel (with divider wall)</li> <li>X-Large internal area</li> </ul>	х	х	x				х	8, 9
T-45	<ul> <li>Two-piece, hinged design</li> <li>Multi-channel (with divider wall)</li> </ul>	х	Х	х		х			10, 11
LD	<ul> <li>One-piece, hinged design</li> <li>Single channel</li> </ul>	х			х				12,13
LDPH	<ul> <li>Two-piece, hinged design</li> <li>Single channel</li> <li>Power-rated</li> </ul>	х	х		х				14, 15
LDS	<ul><li>One-piece, solid design</li><li>Single channel</li></ul>	х	Х		х				22
LD2P10	<ul><li>One-piece, hinged design</li><li>Dual channel</li></ul>	х	Х	х	х				16, 17
Cove	<ul> <li>Two-piece design</li> <li>Multi-channel</li> <li>Designed for corner applications (wall-to-wall; ceiling-to-wall)</li> </ul>	х	х	х			х		18, 19
Office Furniture	<ul> <li>One-piece, hinged design</li> <li>Single channel</li> <li>Designed to run on top of office furniture partitions</li> </ul>	х				х			20, 21
Pan-Pole <sup>™</sup> Power and Communication Poles	<ul> <li>Provides floor-to-ceiling cable routing</li> </ul>	X X X X Internal area is one size only for all Pan-Poles <sup>™</sup>					nly for	22	
Surface Raceway Cutting Tool	<ul> <li>Hand-held tool designed to cut all LD profile raceway</li> </ul>	Ν		N/A				22	
Foam Tape	Offered in acrylic and rubber	N/A			N/A				22

### **Real-World Solutions**

With a proven reputation for excellence and innovation, Panduit and our partners work with you to overcome challenges and implement real-world solutions that create a competitive business advantage. Panduit offers the broadest range of solutions, from data centers and intelligent buildings to manufacturing operations, to help you build a **smarter, unified business foundation.** 

### **Technology Leadership**

Panduit develops innovative physical infrastructure solutions that meet the rapidly changing needs of our clients, from hardware and software to advisory services. This commitment is supported by investment in advanced research, solutions-focused product development, world-class manufacturing, and collaboration with customers at the forefront of technology.



#### Partner Ecosystem

Our best-in-class partner ecosystem offers a comprehensive portfolio of services that span the project lifecycle, from planning and design to delivery, deployment, maintenance, and operation. Panduit business partners – distributors, and certified architects, consultants, engineers, designers, system integrators, and contractors – are qualified to help you achieve your objectives and realize predictable and measurable results.

### **Strategic Alliances**

Panduit cultivates long-term strategic alliances with industry leaders, including Cisco Systems, EMC, IBM, and Rockwell Automation, to develop, optimize, and validate solutions for our customers. This investment in people and resources helps solve our customers' greatest business challenges.



#### **Global Business Commitment**

Panduit is committed to delivering a consistently high level of quality and service the world over. With a presence in more than 100 countries, local Panduit sales representatives and technical specialists offer guidance and support that bring value to your business. Our global supply chain, which includes manufacturing, customer service, logistics, and distribution partners, provides prompt response to your inquiries and streamlines delivery to any worldwide destination.

#### **Sustainability**

With a commitment to environmental sustainability, Panduit develops and implements solutions that protect, replenish, and restore the world in which we live. This commitment is demonstrated by Panduit's LEED Gold certified World Headquarters, leveraging the Unified Physical Infrastructure<sup>SM</sup> approach to enable convergence of critical building systems to drive energy efficiency and ongoing operational improvement.

Transform Your Physical Infrastructure

Call or visit us online, we can show you how.

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