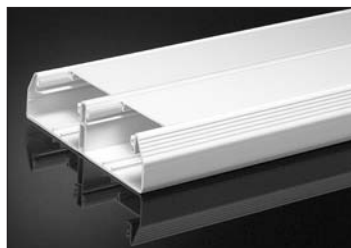


PAN-WAY® Twin-70 Surface Raceway System



specifications

Twin-70 non-metallic, multi-channel surface raceway shall be used to route, protect and conceal data, voice, fiber optic and power cabling. The raceway shall be listed as suitable for use in applications up to 600 volts between conductors by Underwriters Laboratories, Inc. per standard 5A, and by Canadian Standards Association, Inc. per 22.2 no. 62.1-03, when screw secured and installed per instructions. A full complement of fittings with a 1" minimum bend radius compliant with TIA/EIA-568-B, must be available as well as device brackets and internal junction boxes to install a variety of communication and electrical devices. The raceway shall provide two separate covers to maintain total separation of power and low voltage cabling. PANDUIT "snap-on" faceplates for data and power terminations shall be available. Twin-70 raceway must be tamper resistant yet also allow access for moves, adds and changes. Twin-70 shall be manufactured from impact-resistant material with flammability rating of V-0. Twin-70 raceway finish shall be pure of color and will resist scratches and dents, and will not peel or corrode. Twin-70 raceway shall be available in three standard colors and shall be optimized for use with the PANDUIT® PAN-NET® Communication System.



technical information

Material:	Rigid PVC
Flammability:	UL94V-0
Voltage rating:	UL-5A 600VAC; CSA C22.2 No. 62.1-03 600V
Approvals:	UL Listed 95425 (raceway); UL Listed E116129 (fittings)
NEC:	Article 388
Color:	Off White (IW), Electrical Ivory (EI), White (WH)
CSI spec form:	LP-CSISPEC-Twin-70-1

key features and benefits

Separate covers throughout the system	Maintains complete separation of power and data cabling systems and provides maximum safety during installation for moves, adds and changes
1" bend radius control fittings	Cables in the raceway will satisfy the minimum 1" bend radius requirement, preventing the potential degradation of cable performance; meets TIA/EIA standard and many warranty requirements
Snap-on faceplates	Faceplates snap directly onto the raceway base; cabling can be quickly accessed by removing only the faceplate, which requires less labor and lowers the cost of maintenance
Each channel has a 70mm opening	Accepts any NEMA standard power or communication faceplates
Highly tamper resistant	Very difficult for untrained personnel to enter the raceway or remove faceplates which provides maximum security for communication cabling and maximum safety for power cabling
Non-metallic	Lightweight, reducing installer fatigue; solid color throughout profile will not chip, peel, rust, corrode or scratch; easy to cut, reducing the need for special cutting devices; high impact resistance; durable
Designer profile	Aesthetically pleasing and matches a wide variety of decors
Available in three standard colors	Matches a variety of colors for various applications

applications

PAN-WAY® Twin-70 Surface Raceway is a multi-channel channel raceway which provides solutions for routing low voltage, fiber optic and/or power cabling along perimeter walls. Twin-70 Raceway offers two totally independent channels which are maintained throughout the

system for independent access to power, low voltage and fiber optic cabling. Twin-70 Raceway can mount NEMA standard 70mm screw-on faceplates or superior PAN-WAY® Snap-on Faceplates directly to the independent channels.

www.panduit.com

PAN-WAY® Twin-70 Raceway

Raceway base:	T702BIW*
Raceway cover:	T70CIW*
Divider Wall:	T70DW*

TWIN-70 Raceway Fittings and Accessories

Base coupling fitting:	T702BCIW-X
Cover coupler fitting:	T70CCIW-X
Outside corner fitting:	T702OCIW
Inside corner fitting:	T702ICIW
Right angle fitting:	T702RAIW
End cap fitting:	T702ECIW
Entrance end fitting:	T702EEIW
Tee fitting:	T702TIW
Transition fitting:	T702TRIW
Transition fitting:	T702TRLIX
Transition divided insert fitting:	T702TRI
Wire retainer:	T70WR-X
Device bracket:	T70DB-X
Standard faceplate bracket:	T70SDB-X
Three sided hanging box:	T70HB3-X
GFCI three sided hanging box:	T70HB3GFCI-X

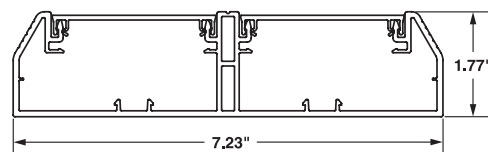
All parts listed in Off White (IW) color. To order other colors substitute Electrical Ivory (EI), and White (WH).

*Insert raceway length of 8' or 10'

PAN-WAY® Twin-70 Surface Raceway System

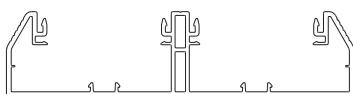
Wire Fill

Open Channel 40% Cable Fill Capacity	
Cable Type	# of Cables
12 AWG	13
Cat 6 cables	16
Cat 5e cables	22
2 strand Fiber Optic cable	34



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

Twin-70 Raceway

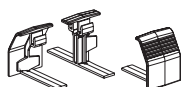


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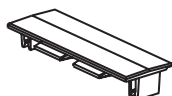


T70C

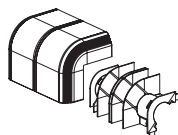
Fittings and Accessories



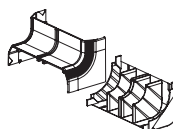
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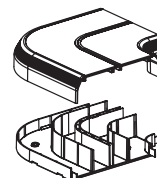
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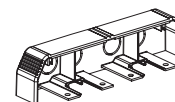
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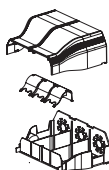
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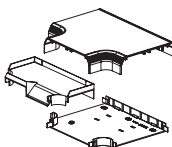
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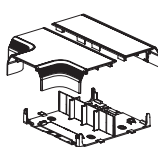
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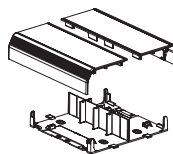
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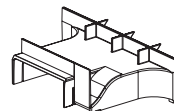
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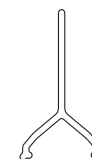
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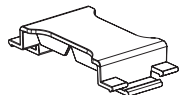
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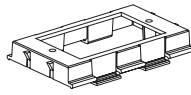
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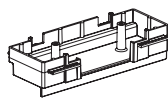
T70DW



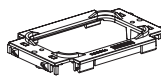
T70WR-X



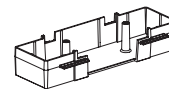
T70DB-X



T70HB3-X



T70SDB-X



T70HB3GFCI-X

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