

PAN-WAY® TG-70 Surface Raceway System



specifications

TG non-metallic multi-channel surface raceway shall be used to route, protect and conceal data, voice, video, 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 40mm (1.6") 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. Divider walls must be available to form separate channels in the multi-channel raceway. PANDUIT "snap-on" faceplates for data and power terminations shall be available. TG raceway will be manufactured from impact-resistant material with flammability rating of V-0. TG raceway must be tamper resistant, yet allow access for moves, adds and changes. TG raceway finish shall be pure color and will resist scratches and dents and will not peel or corrode. TG raceway shall be available in two 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); CE Listed
NEC:	Article 388
Color:	Off White (IW) and Electrical Ivory (EI)
CSI spec form:	LP-CSISPEC-TG70-1

key features and benefits

Large cable capacity	Provides the maximum cable routing space which allows for a large number of cable to be routed within a single raceway channel
40mm (1.6) bend radius control fittings	Increased bend radius control to satisfy the needs and maximizes the headroom of larger diameter high performance copper cable and fiber optic cabling
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
Channel has a 70mm opening	Accepts any manufacturer's NEMA standard snap-on or screw-on power or communication faceplates
Non-metallic construction	Lightweight, reducing installer fatigue; solid color through out 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 two standard colors	Matches a variety of colors for various applications of decors

applications

PAN-WAY® TG-70 Surface Raceway is a multi-channel channel raceway which provides a solution for routing low voltage, fiber optic and/or power cabling when maximum cable

capacity is required. TG-70 Raceway can mount NEMA standard screw-on faceplates or superior PAN-WAY® Snap-On Faceplates directly to the channel.

PAN-WAY® TG-70 Raceway

Raceway base & cover:	TG70IW*
Replacement cover:	T70CIW*
Divider wall:	TGDW*

TG-70 Raceway Fittings and Accessories

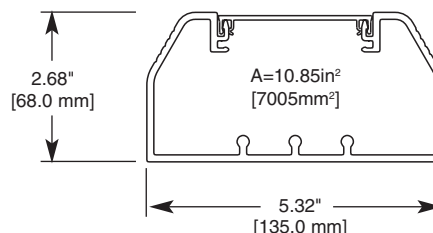
Base coupler:	TG70BCIW-X
Cover coupler:	T70CCIW-X
Adjustable outside corner fitting:	TGOCIW
Adjustable inside corner fitting:	TGICIW
Non-adjustable inside corner fitting:	TGSICIW
Non-adjustable outside corner fitting:	TGSOCIW
Right angle fitting:	TGRAIW
End cap fitting:	TGECIW
Tee fitting:	TGTIW
Tee divider insert:	TGTD
Transition fitting:	TGTRIW
Wire retainer:	TG70WR-X
Device bracket:	T70DB-X
Three sided hanging box:	TG70HB3-X
GFCI three sided hanging box:	TG70HB3GFCI-X
Backfeed fitting:	TGBFIW
Backfeed fitting insert:	TGBFI
Entrance end fitting:	TGEEIW
Standard faceplate bracket:	T70SDB-X
Fiberspool bracket (2 halves):	TGFSB

*Insert raceway length of 8' or 10'.
All parts listed in the Off White (IW) color.
To order other colors substitute Electrical Ivory (EI).

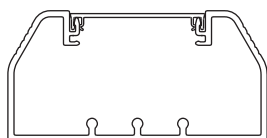
PAN-WAY® TG-70 Surface Raceway System

Wire Fill

Open Channel 40% Fill Capacity	
Cable Type	No. of Cables Power and Data w/Wire Retainer
12 AWG	40
Cat 6 cables	88
Cat 5e cables	99
2 Strand Fiber Optic Cables	177



TG-70 Raceway

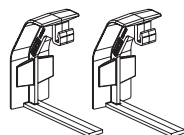


TG70

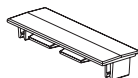


T70C (Replacement Cover)

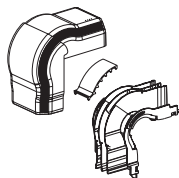
Fittings and Accessories



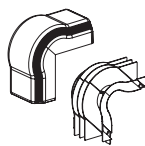
TG70BC-X



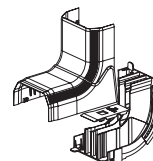
T70CC-X



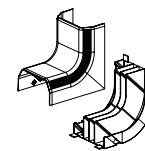
TG0C



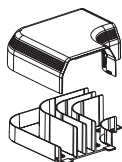
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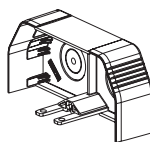
TGIC



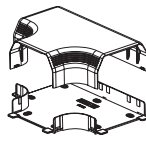
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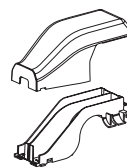
TGRA



TGECC



TGT



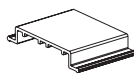
TGTR



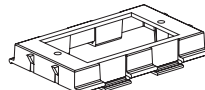
TGDW



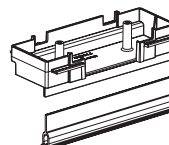
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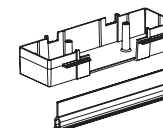
TG70WR-X



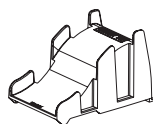
T70DB-X



TG70HB3-X



TG70HB3GFCI-X



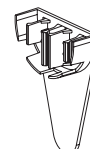
TGBFI



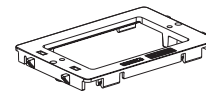
TGBF



TGEE



TGFSB



T70SDB-X

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