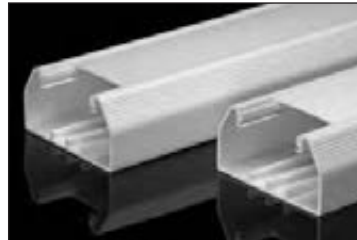


## specifications

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

<b>Material:</b>	Rigid PVC
<b>Flammability:</b>	UL94V-0
<b>Voltage rating:</b>	UL-5A 600VAC; CSA C22.2 No. 62.1-03 600V
<b>Approvals:</b>	UL Listed 95425 (raceway); UL Listed E116129 (fittings); CE Listed
<b>NEC:</b>	Article 388
<b>Color:</b>	Off White (IW) and Electrical Ivory (EI)
<b>CSI spec form:</b>	LP-CSISPEC-TG70-1

## key features and benefits

<b>Large cable capacity</b>	Provides the maximum cable routing space which allows for a large number of cable to be routed within a single raceway channel
<b>40mm (1.6) bend radius control fittings</b>	Increased bend radius control to satisfy the needs and maximizes the headroom of larger diameter high performance copper cable and fiber optic cabling
<b>Snap-on faceplates</b>	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
<b>Channel has a 70mm opening</b>	Accepts any manufacturer's NEMA standard snap-on or screw-on power or communication faceplates
<b>Non-metallic construction</b>	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
<b>Designer profile</b>	Aesthetically pleasing and matches a wide variety of decors
<b>Available in two standard colors</b>	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

<b>Raceway base &amp; cover:</b>	TG70IW*
<b>Replacement cover:</b>	T70CIW*
<b>Divider wall:</b>	TGDW*

### TG-70 Raceway Fittings and Accessories

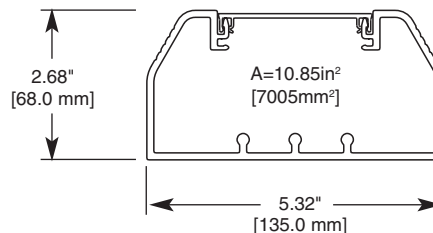
<b>Base coupler:</b>	TG70BCIW-X
<b>Cover coupler:</b>	T70CCIW-X
<b>Adjustable outside corner fitting:</b>	TGOCIW
<b>Adjustable inside corner fitting:</b>	TGICIW
<b>Non-adjustable inside corner fitting:</b>	TGSCIW
<b>Non-adjustable outside corner fitting:</b>	TGSOCIW
<b>Right angle fitting:</b>	TGRAIW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

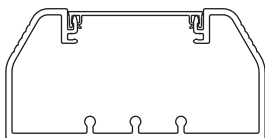
# PAN-WAY® TG-70 Surface Raceway System

## Wire Fill

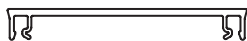
Open Channel 40% Fill Capacity	
Cable Type	No. of Cables Power and Data w/Wire Retainer
12 AWG	40
Cat 6 cables	88
Cat 5e cables	99
2 Strand Fiber Optic Cables	177



## TG-70 Raceway

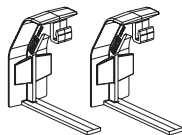


TG70

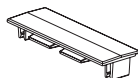


T70C (Replacement Cover)

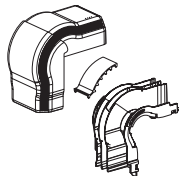
## Fittings and Accessories



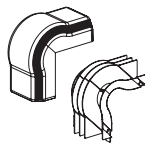
TG70BC-X



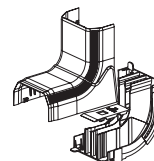
T70CC-X



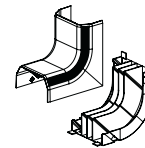
TG0C



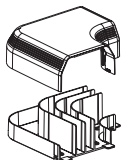
TGSOC



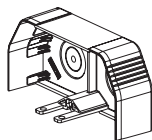
TGIC



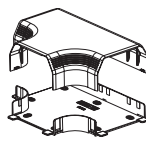
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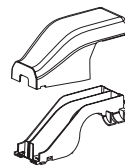
TGRA



TGEC



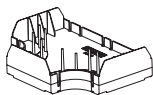
TGT



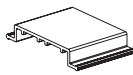
TGTR



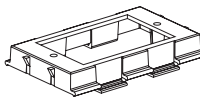
TGDW



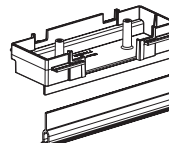
TGTD



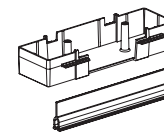
TG70WR-X



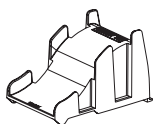
T70DB-X



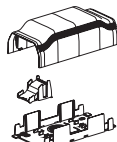
TG70HB3-X



TG70HB3GFCI-X



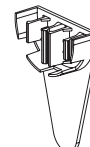
TGBFI



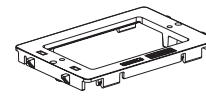
TGBF



TGEE



TGFSB



T70SDB-X

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