

Pan-Way® Above Floor Raceway System

PANDUIT®

SPECIFICATION SHEET

specifications

Above Floor Raceway 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 line of fittings is available as well as a junction box to install a variety of communication and electrical devices. Four channel design separates cable types. Standard "screw-on" faceplates for data and power terminations shall be available. Above floor raceway will be manufactured from impact-resistant material with flammability rating of V-0 and must be tamper resistant yet, also allow access for moves, adds and changes. Above Floor Raceway finish shall be pure color, resist scratches and dents, will not peel or corrode and be available in three standard colors. Above Floor Raceway shall be optimized for use with the Panduit® Pan-Net and Net-Key Communication Systems.



technical information

Material:	Rigid PVC
Flammability:	UL94V-0 FT4
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
Load rating:	2,000 lbs.

key features and benefits

ADA Compliant	Meets 2010 American Disability Association standards by design
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
Tamper resistant	Difficult for untrained personnel to enter the raceway or remove faceplates; provides security for communication cabling and safety for power cabling
Designer profile	Aesthetically pleasing and matches a wide variety of decors with three standard color options available: IW (International White), BL (Black) or OS (Office Slate)
Non-metallic construction	Lightweight raceway reduces installer fatigue; solid color throughout profile will not chip peel, rust, corrode, or scratch; easy to cut reducing the need for special cutting devices; easy to snap together base and cover; high impact resistance; durable

applications

Pan-Way® Above Floor Surface Raceway is a multi-channel raceway which provides solutions for routing low voltage, fiber optic and/or power cabling over floors. Above Floor raceway can mount NEMA standard screw-on faceplates directly to the junction box and can transition to Panduit's T-70 raceway for cable routing along walls.

Above Floor Raceway* – 6 Foot Base and Cover

6 Foot: AFR4BCBL6

Above Floor Raceway Fittings*

Fittings Coupler Fitting:	AFR4CCBL
Transition to T70 Fitting:	AFR4TRT70BL
Right Angle Fitting:	AFR4RABL
End Cap Fitting:	AFR4ECBL
Junction Box:	AFR4JB2SBL
Wall Transition Fitting:	AFR4WTRBL
Table Leg Fitting:	AFR4TBLGBL

Faceplates and Accessories

Rectangular GFCI Outlet Faceplate*:	CPGBL-2G
GFCI Adapter:	CFG4BL
GFCI Netkey Adapter:	NK4RMFBL
106 Style Outlet Faceplate*:	CP106BL-2G
106 Adapter:	CF1064BLY
106 Netkey Adapter:	NK4106MFBL

T70 Parts*

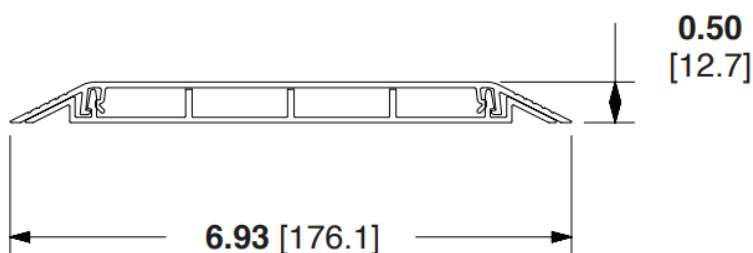
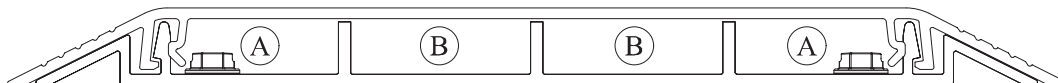
T-70 Base 6 foot length:	T70BBL6
T-70 Cover 6 foot length:	T70CBL6
T-70 End Cap Fitting:	T70ECBL

* Product listed in Black (BL).
For other colors, replace BL with IW (International White) or OS (Office Slate).

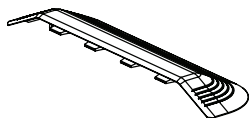
Pan-Way® Above Floor Raceway

Wire Fill Chart

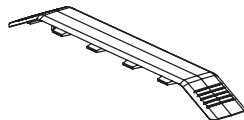
Raceway type and configuration	Fill Area (in 2)	electrical cables			Data Grade Cables												Coax Cables				Fiber Optic			
		14	12	10	24 AWG		24 AWG		24 AWG		24 AWG		24 AWG		24 AWG		24 AWG		24 AWG		24 AWG			
		THN/THWN/T90			Cat 5eP	Cat 5eR	Cat 6	Cat 6A	Cat 6A	Cat 6A	Cat 6A (SD)							RG6	RG59/u	2-Strand				
		0.111	0.13	0.164	0.193	0.225	0.24	0.289	0.3	0.33	0.24							0.275	0.242	0.175				
		Fill			Fill		Fill		Fill		Fill		Fill		Fill		Fill		Fill		Fill			
Max	Max	Max	Spec	Max	Spec	Max	Spec	Max	Spec	Max	Spec	Max	Spec	Max	Spec	Max	Spec	Max	Spec	Max	Spec	Max		
UL Temp Rise Test			40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%		
AFR4 – Outer Channel (with screws) See Fig. A	0.3370	21	15	10	5	7	3	5	3	4	2	3	2	3	2	2	3	4	2	3	3	4	6	8
AFR4 – Inner Channel See Fig. B	0.3838	24	17	11	5	8	4	6	3	5	2	4	2	3	2	3	3	5	3	4	3	5	6	10



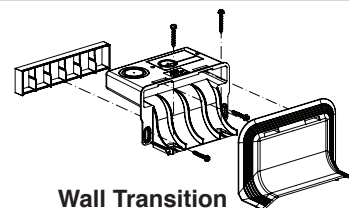
Fittings



End Cap
AFR4ECBL



Coupler
AFR4CCBL



Wall Transition
AFR4WTRBL

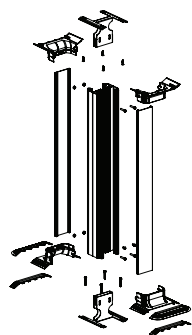
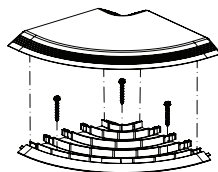
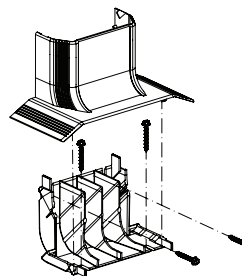


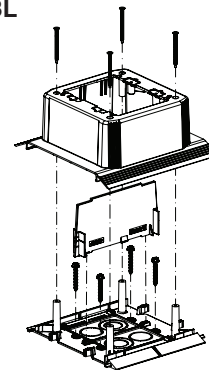
Table Leg
AFR4TBLGBL



Right Angle
AFR4RABL



T70 Transition
AFR4TRT70BL



Junction Box
AFR4JB2SBL

Dimensions are in inches. [Dimensions in brackets are metric.]

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