

Pan-Way® Office Furniture Raceway System

PANDUIT®

SPECIFICATION SHEET

specifications

Office Furniture Raceway shall be a one-piece non-metallic single-channel system used to route, protect, and conceal data, voice, video, and fiber optic cabling. Office Furniture Raceway is tamper resistant, yet allows access for moves, adds, and changes and includes a full complement of fittings, accessories, and termination options. Fittings have been designed to maintain the TIA/EIA 568-B and 569-A requirements for 1" minimum bend radius required by high performance copper and fiber optic cabling systems. Faceplates are compliant with the labeling requirement of the TIA/EIA-606-A standard.



technical information

Material:	Rigid PVC
Flammability:	UL94V-0
Approvals:	UL-5C Listed
Color:	Office Beige (OB), Office Slate (OS), Office Gray (OG), and Medium Tone (MT)
CSI spec form:	LP-CSISPEC-OFR-1

key features and benefits

Designed to route cabling along the top of existing office furniture partitions	Extends the usefulness of existing office furniture partitions by eliminating the need to purchase new furniture with internal data pathways
System attaches to panel top cap with adhesive backed tape	Allows for fast installation with minimal occupant disturbance
Designed for desktop terminations	Corner termination option utilizes the typically unused area of the cubical saving valuable workspace; spill-over fitting/box option accommodates placement of the outlet box anywhere along the partition at desk level
Incorporates internal bend radius control	Fittings meet the TIA/EIA bend radius control requirements preventing cable performance degradation, yet maintains original aesthetic "squared corner" styling of furniture
Designed to work with major office furniture manufacturers' panels	Creates a virtually invisible solution for routing data cables on panels from all common manufacturers' (such as Steelcase, Herman Miller, and others) with a top cap width between 1.87" and 2.30"
Incorporates a concentrated one-piece hinge and tamper-resistant closure design	Robust design increases product stability and prevents damage to cabling during and after installation; tamper resistant closure reduces inadvertent or unauthorized access to data cabling
Accepts all common manufacturers' connectivity	System is compatible with any manufacturers' connectivity that utilizes a standard single gang 70mm faceplate

applications

Pan-Way® Office Furniture Raceway is designed to route data cabling along the top of office furniture partitions. The system includes a full complement of fittings, accessories, and terminations options which allows positioning of outlets at any point along the partition at desk level or in the corner at the intersection of two partitions.

Office Furniture Raceway has a tamper resistant closure design which protects sensitive cabling from accidental damage and discourages unauthorized access, yet the system is accessible by a qualified installer for moves, adds, and changes.

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Office Furniture Raceway

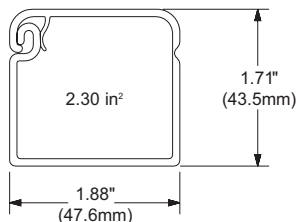
Office furniture raceway:	OFR20OB*
Corner raceway base:	OFCR70OB*
Corner raceway cover:	OFCRC70OB*
Vertical raceway:	OFR50B*
Communication pole:	OFR20CPOB8

Office Furniture Raceway Fittings

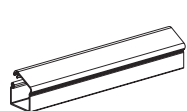
Corner raceway box, four drop:	OFR20OFCR70OB4
Corner raceway box, two drop:	OFR20OFCR70OB2
Corner raceway box, single drop:	OFR20OFCR70OB1
Corner raceway bypass box, four drop:	OFR20OFCR70OB4P
Corner raceway bypass box, two drop:	OFR20OFCR70OB2P
Corner raceway bypass box, single drop:	OFR20OFCR70OB1P
Corner raceway end cap:	OFCR70ECOB
Outside corner fitting (base and cover):	OFCR20OCOB
Inside corner fitting (base and cover):	OFR20ICOB
Tee fitting (base and cover):	OFR20TOB
Four way cross fitting base and cover:	OFR20CROB
Right angle fitting (base and cover):	OFR20RAOB
Spill-over fitting:	OFR20SOOB
Double spill-over fitting:	OFR20DSOOB
Desk mount box and cover:	OFR20DMBOB
End cap:	OFR20ECOB
Mid panel tee fitting:	OFR20MPTOB
Wall entrance fitting:	OFR20WEOB
Horizontal raceway coupler:	OFR20CCOB-X
Long coupler fitting:	OFR20LCOB
Horizontal sloped snap-on faceplate 2-port:	OF70FH2OB
Horizontal sloped snap-on faceplate 4-port:	OF70FH4OB
Vertical sloped snap-on faceplate 2-port:	OF70FV2OB
Vertical sloped snap-on faceplate 4-port:	OF70FV4OB

For standard colors other than OB (Office Beige), *Insert raceway length of 6' or 8'.S (Office Slate), OG (Office Gray), or MT (Medium Tone). *Insert raceway length of 6' or 8'.

Pan-Way® Office Furniture Raceway System



Raceway Type and Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cables										Coax Cables		Fiber Optic Cable							
		14 AWG	12 AWG	10 AWG	24 AWG	24 AWG	24 AWG	24 AWG	24 AWG	24 AWG	24 AWG	24 AWG	24 AWG	24 AWG	24 AWG	24 AWG	24 AWG	24 AWG	24 AWG	RG6	RG59/u	2 Strand		
		THHN/THWN/T90			Cat. 5e - Plenum	Cat. 5e - Riser			Cat. 6	Cat. 6A			Cat. 6A	Cat. 6A	Cat. 6A	Cat. 6A (SD)								
		0.111	0.130	0.164	DIA = 0.193	DIA = 0.225			DIA = 0.240	DIA = 0.289			DIA = 0.300	DIA = 0.330	DIA = 0.240					DIA = 0.275	DIA = 0.242	DIA = 0.175		
		FILL			FILL	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%)	
OFR20:	2.30	—	—	—	31	47	23	34	20	30	14	21	13	19	10	16	20	30	15	23	20	30	38	57



OFR20OB6



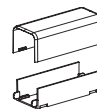
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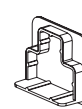
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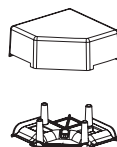
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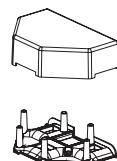
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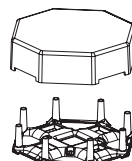
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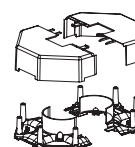
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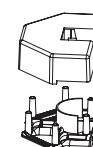
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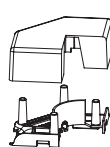
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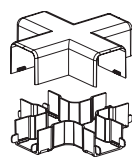
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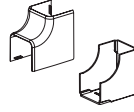
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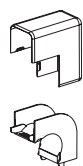
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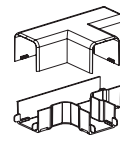
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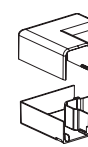
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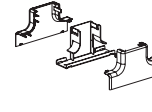
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OFR20TOB



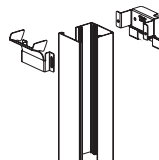
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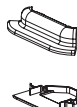
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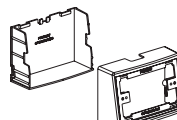
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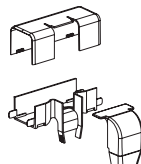
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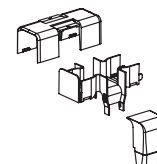
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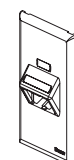
OFR20DMBOB



OFR20SOOB



OFR20DSOOB



OF70FV2OB

Dimensions are in inches. (Dimensions in parenthesis are metric).

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