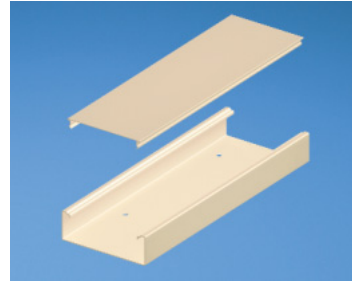


specifications

Multi-channel metal surface raceway shall be used to route, protect, and conceal power wiring and/or communications cabling. The raceway shall be listed as suitable for use in applications up to 600 volts between conductors by Underwriters Laboratories, Inc. per standard 5, and by Canadian Standards Associations, Inc. per C22.2 No. 62-93 when installed per instructions. A full complement of fittings must be available as well as device brackets to install a variety of communication and electrical devices. Divider walls must be available to form separate channels in the multi-channel raceway. Channel must be tamper resistant yet also allow access for moves, adds, and changes. System must be manufactured of galvanized steel with a protective polymer finish in either white or almond color. Multi-channel metal raceway shall be optimized for use with common electrical termination devices and network components.



technical information

Material:	Steel, galvanized with polymer coating
Voltage rating:	600 volts
Approvals:	cULus; E307812 (metal raceway); E311760 (metal raceway fittings)
Compliant:	RoHS Directive 2002/95/EC, NEC Article 386, CEC Rule 12-1600
Color:	White (WH), Almond (AL)
Master format section outline:	http://www.panduit.com/racewayspecs
Product guide specification:	http://www.panduit.com/racewayspecs

key features and benefits

Greater cable capacity	Patent pending offset snap-on faceplates and divider wall locates data terminations outside the data channel which increases data cable capacity
Reliable cable performance	Fully compliant TIA/EIA 568B and 569B solution maintains a 2" bend radius throughout the system for routing high performance 10 Gigabit copper and fiber cable
Increased termination options	System accepts both snap-on and standard NEMA double gang faceplates, increasing versatility for termination of power and data cabling
Independent installation method	Patent pending divider wall mounting system allows clips and divider walls to be installed independently
Reduce installation time	Pre-punched mounting holes eliminate the need to remove knockouts or drill holes for quick and easy installation

applications

PAN-WAY® PMR40 Metal Raceway System is a multi-channel, surface mounted raceway which provides solutions for routing and terminating high performance 10 Gigabit copper and fiber

cable. PAN-WAY® PMR40 offers a complete line of power rated fittings, faceplates and accessories. Available in white and almond to match popular outlet colors and decor.

PMR40 METAL RACEWAY

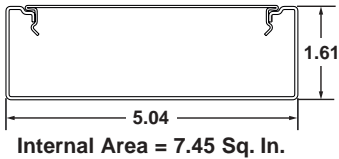
PMR40 raceway base:	PMR40BWH10
PMR40 raceway cover:	PMR40CWH5

PMR40 METAL RACEWAY FITTINGS

7.5" pre-cut cover:	PMR40CWH7.75
13.5" pre-cut cover:	PMR40CWH13.75
19.5" pre-cut cover:	PMR40CWH19.75
31.5" pre-cut cover:	PMR40CWH31.75
Divider wall:	PMR40DW5
Divider wall clip:	PMR40DC-X
Base coupler:	PMR40BC
Right angle fitting:	PMR40RAWH
Inside corner fitting without bend radius control:	PMR40SIC
Inside corner fitting:	PMR40ICWH
Internal 45° elbow:	PMR40I45EWH
Outside corner fitting without bend radius control:	PMR40SOCWH
Outside corner fitting:	PMR40OCWH
External 45° elbow:	PMR40E45EWH
Tee fitting:	PMR40TWH
Tee divider insert:	PMR40TD50
End cap fitting:	PMR40ECWH
Entrance end fitting:	PMR40EEWH
WIREMOLD® 4000 to PMR40 transition fitting:	PMR40TRWH
Backfeed fitting:	PMR40BFWH
Panel connector:	PMR40PCWH
Internal corner coupling:	PMR40ICC
Wire retainer:	PMR40WR-X
Device mounting bracket 50/50 split:	PMR40DB50
Data plate for mounting faceplates PMR40FH2, PMR40FH4, PMR40KH2, PMR40KH4:	PMR40DP50WH
Snap-on horizontal sloped communication faceplate – 2 port:	PMR40FH2WH
Snap-on horizontal sloped communication faceplate – 4 port:	PMR40FH4WH
Snap-on horizontal sloped Keystone communication faceplate – 2 port:	PMR40KH2WH
Snap-on horizontal sloped Keystone communication faceplate – 4 port:	PMR40KH4WH

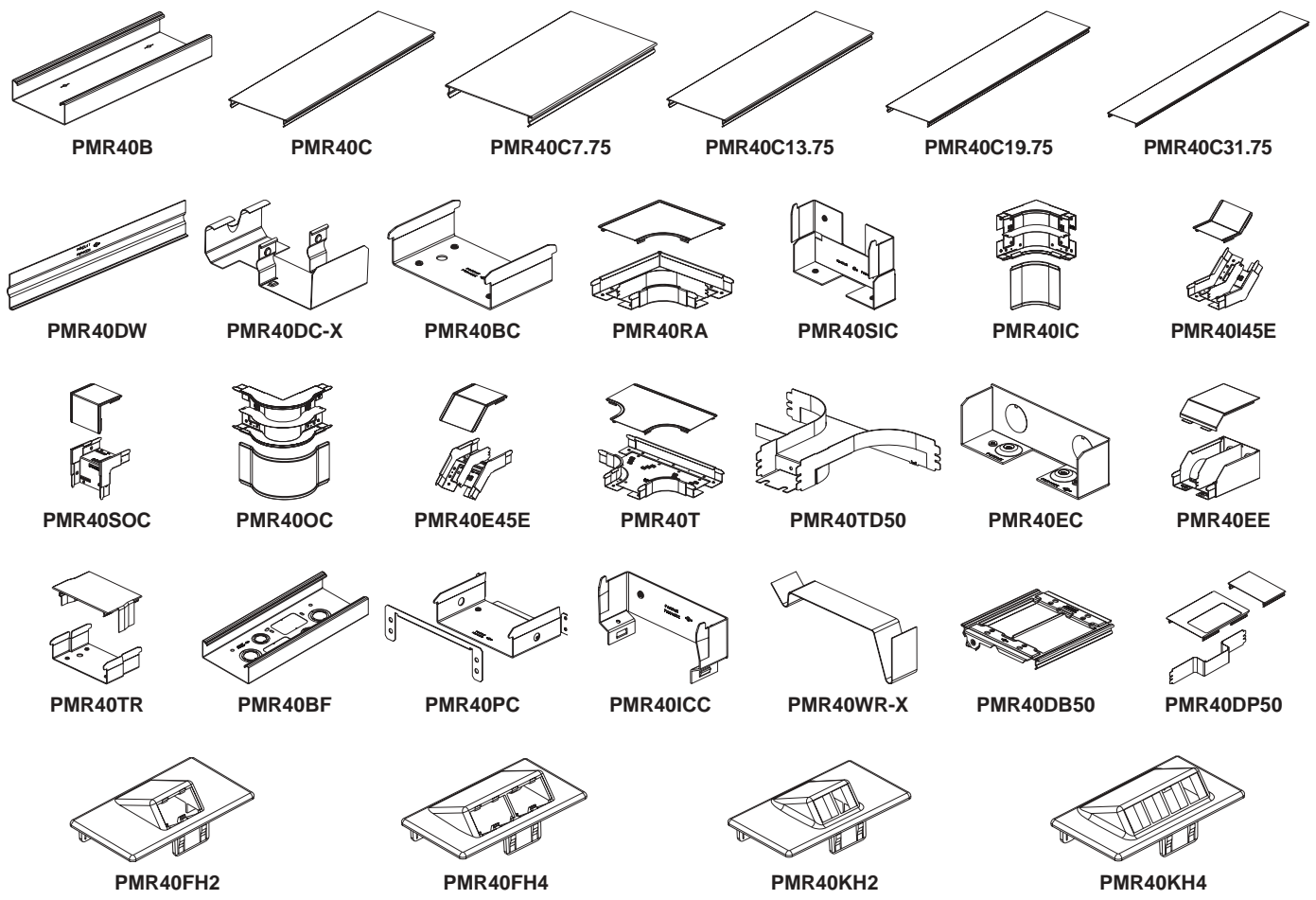
All parts listed in WH (White). For other colors, replace WH (White) with AL (Almond).
*WIREMOLD is a registered trademark of the Wiremold Co.

PAN-WAY® PMR40 Metal Surface Raceway System



Raceway Type and Configuration*	Fill Area (In. ²)	Electrical Cable			Data Grade Cable				Audio/Video		Fiber Optic Cable	
		14 AWG	12 AWG	10 AWG	24 AWG/UTP CM				RG6		2 Strand	
		THHN/T90			Cat. 6		Cat. 6A					
		0.111	0.130	0.164	DIA. = .250	DIA. = .330	DIA. = .275	DIA. = .175	FILL		FILL	
		MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
PMR40 – Undivided (Base and Cover)	7.45	307	224	140	60	91	34	52	50	75	123	185
PMR40 – Undivided, Wire Retainer Only	6.18	255	186	117	50	75	28	43	41	62	102	154
PMR40 – Undivided with duplex receptacle 2 sides	4.64	191	139	87	—	—	—	—	—	—	—	—
PMR40 – Divided, with Wire Retainer	2.64	109	79	49	21	32	12	18	17	26	43	65
	3.04	125	91	57	24	37	14	21	20	30	50	75
PMR40 – Divided with duplex receptacle on left side	1.87	77	56	35	—	—	—	—	—	—	—	—
	2.84	—	—	—	23	34	13	19	19	28	47	70
PMR40 – Divided with duplex receptacle on right side	2.49	—	—	—	20	30	11	17	16	25	41	62
	2.21	91	66	41	—	—	—	—	—	—	—	—
PMR40 – Divided with Data Faceplate	2.39	—	—	—	19	29	11	16	16	24	39	59
	1.60	66	48	30	—	—	—	—	—	—	—	—

*For detailed images of wirefill configurations, see Electrical Solutions Catalog (SA-ELCB10).



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For a copy of PANDUIT product warranties, log on to www.panduit.com/warranty



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 Contact Customer Service by email: cs@panduit.com
 or by phone: 800-777-3300 and reference SRSP19

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 Printed in the U.S.A.
SA-SRSP19
 3/2008