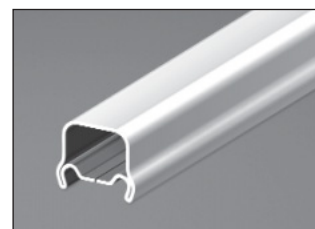
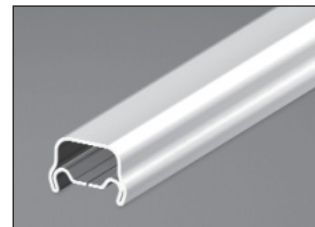


specifications

Single channel metal raceway shall be used to route, protect, and conceal power wiring or communication 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 Association, Inc. per C22.2 No. 62-93 when installed per applicable instructions. A full complement of fittings must be available, as well as junction boxes and faceplates to accommodate a variety of electrical and communication devices. Fittings and boxes must be manufactured to ensure adequate electrical bond is present throughout the raceway system. Channel must be a tamper resistant one-piece construction and install to mounting surface with snap-on attachment means, yet allow for accessibility for moves, adds, and changes. System must be manufactured of galvanized steel with a protective polymer finish in either white or almond color. Single 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/products/surface_raceway
Product guide specification	http://www.panduit.com/products/surface_raceway

key features and benefits

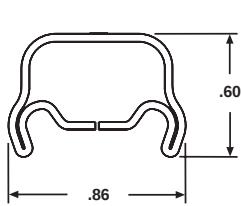
Increased safety	Raceway system features a patent pending bonding design that provides full continuity of the ground path between fittings and channel, for increased electrical safety
Reduced installation time	System components incorporate an innovative snap mount assembly method for fast installations, resulting in measurable contractor labor savings
Installation flexibility	Fittings can be mounted using various types and sizes of fasteners, eliminating the requirement of using only flathead style screws
Superior channel integrity	The one-piece construction of the raceway channel eliminates the problem of channel separation, associated with competitive two-piece designs, saving installation time
Improved aesthetics	Hidden channel undermount clip design improves aesthetics by removing mounting hardware from view
Complete system	Includes an assortment of fittings, junction boxes, faceplates and accessories for various routing and termination options of power wiring or low voltage cabling. Available in two colors, white and almond, meeting the aesthetic requirements of most applications

applications

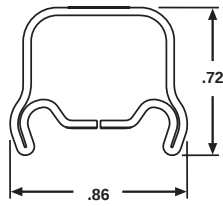
PAN-WAY® PMR5 and PMR7 Metal Raceway is a single channel surface mounted raceway which provides solutions for routing and terminating power and/or low voltage wire and cable.

PAN-WAY® PMR5 and PMR7 offers a complete line of power rated fittings, junctions boxes, faceplates and accessories that comply with stringent UL5 standards for use up to 600 volts.

PAN-WAY® PMR5/PMR7 Metal Raceway System



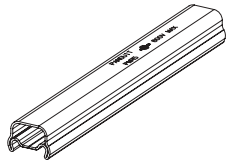
PMR5
Internal Area = .22 in.²



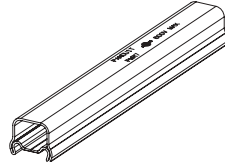
PMR7
Internal Area = .30 in.²

Raceway Type and Configuration	Fill Area (In.²)	Electrical Cables			Data Grade Cable		Data Grade Cable		Audio/Video		Fiber Optic Cable	
		14 AWG	12 AWG	10 AWG	24 AWG/UTP CM	24 AWG/UTP CM	24 AWG/UTP CM	24 AWG/UTP CM	RG6		2 Strand	
		THHN/T90			Category 6		Category 6A		Dia. = .275		Dia. = .175	
		.111	.130	.164	Dia. = .250		Dia. = .330		FILL		FILL	
		FILL	FILL	FILL	FILL	FILL	FILL	FILL	FILL	FILL	FILL	FILL
		MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
PMR5	0.22	9	6	4	40%	60%	40%	60%	40%	60%	40%	60%
PMR7	0.30	12	8	5	1	2	1	2	1	2	3	5

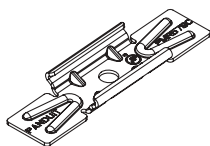
AWG dimensions represent typical outer cable diameter in inches.



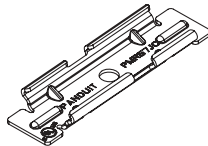
PMR5*



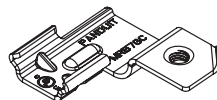
PMR7*



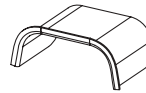
PMR57SC-X



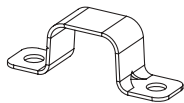
PMR57JC-X



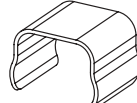
PMR57GC-X



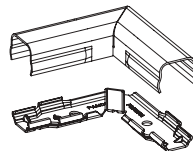
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PMR7WPB-X



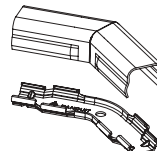
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PMR7MS



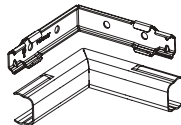
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PMR7CC



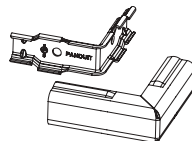
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PMR7RA



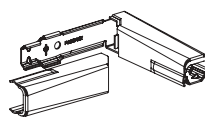
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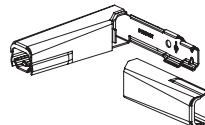
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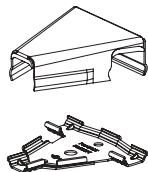
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PMR7OC



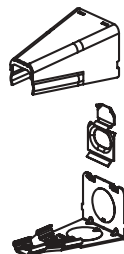
PMR57LTE



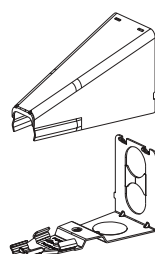
PMR57RTE



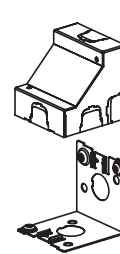
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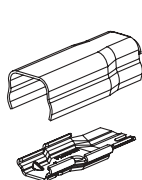
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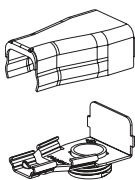
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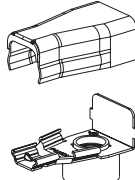
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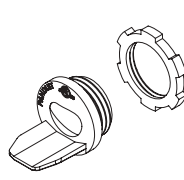
PMR57TR
PMR7TR



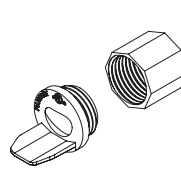
PMR57EBC



PMR57ECC



PMR57JBC50-X
PMR57JBC75-X



PMR57CC50-X
PMR57CC75-X

PMR5/PMR7 Metal Raceway

PMR5 raceway base

PMR5WH*

PMR7 raceway base

PMR7WH*

PMR5/PMR7 Metal Raceway Fittings

Supporting clip for PMR5/PMR7

PMR57SC-X

Joint coupling for PMR5/PMR7

PMR57JC-X

Ground clip for PMR5/PMR7

PMR57GC-X

Bushing for PMR5 or PMR7

PMRWPB-X**

Mounting strap for PMR5 or PMR7

PMRMSWH-X**

Coupler fitting for PMR5 or PMR7

PMRCCWH-X**

Right angle fitting for PMR5 or PMR7

PMRRAWH**

Diagonal 45° angle fitting for PMR5 or PMR7

PMRDAWH**

Inside corner fitting for PMR5 or PMR7

PMRICWH**

Outside corner fitting for PMR5 or PMR7

PMROCWH**

Left twisted elbow 90° twist with 90° turn

PMR57LTEWH

Right twisted elbow 90° twist with 90° turn

PMR57RTEWH

Tee fitting for PMR5/PMR7 raceway

PMR57TWH

Entrance end fitting for PMR5/PMR7

PMR57EEWH

Adjustable offset for PMR5/PMR7

PMR57AOCWH

Corner box

PMR57CBWH

Transition fitting for PMR5 or PMR7

PMRTRWH**

Elbow box connector for PMR5/PMR7

PMR57EBCWH

Elbow conduit connector for PMR5/PMR7

PMR57ECCWH

Junction box connector with 1/2" breakout for PMR5/PMR7

PMR57JBC50-X

Junction box connector with 3/4" breakout for PMR5/PMR7

PMR57JBC75-X

Conduit connector with 1/2" breakout for PMR5/PMR7

PMR57CC50-X

Conduit connector with 3/4" breakout for PMR5/PMR7

PMR57CC75-X

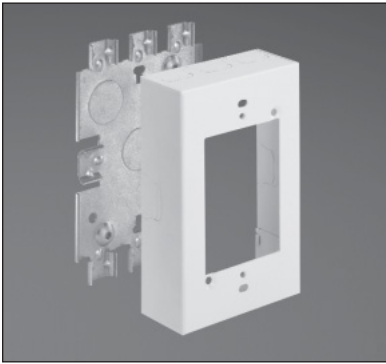
All parts listed in WH (White).

For other colors, replace WH (White) with AL (Almond).

*Insert raceway length of 5' or 10'.

**Insert raceway size of 5 or 7.

PAN-WAY® PMR5/PMR7 Metal Raceway System



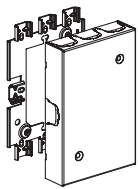
Metal Boxes

For use with PAN-WAY® PMR5 or PMR7 Raceways

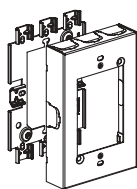
PMR5/PMR7 Metal Raceway Boxes

Single gang blank extension box 4.9"L x 3.3"W x 1.0"H	PMR5760WH
Single gang extension box 4.9"L x 3.3"W x 1.0"H	PMR5751WH
Double gang extension box 4.9"L x 4.9"W x 1.0"H	PMR5751-2WH
Three gang extension box 4.9"L x 6.7"W x 1.0"H	PMR5751-3WH
Single gang shallow outlet box 4.9 "L x 3.3"W x 1.4"H	PMR5747WH
Double gang shallow outlet box 4.9"L x 4.9"W x 1.4"H	PMR5747-2WH
Three gang shallow outlet box 4.9"L x 6.7"W x 1.4"H	PMR5747-3WH
Single gang outlet box 4.9"L x 3.3"W x 1.8"H	PMR5748WH
Double gang outlet box 4.9"L x 4.9"W x 1.8"H	PMR5748-2WH
Three gang outlet box 4.9"L x 6.7"W x 1.8"H	PMR5748-3WH
Single gang intermediate outlet box 4.9"L x 3.3"W x 2.3"H	PMR5744SWH
Double gang intermediate outlet box 4.9"L x 4.9"W x 2.3"H	PMR5744S-2WH
Three gang intermediate outlet box 4.9"L x 6.7"W x 2.3"H	PMR5744S-3WH
Single gang deep outlet box 4.9"L x 3.3"W x 2.8"H	PMR5744WH
Double gang deep outlet box 4.9"L x 4.9"W x 2.8"H	PMR5744-2WH
Three gang deep outlet box 4.9"L x 6.7"W x 2.8"H	PMR5744-3WH
Round fixture box with solid base Dia. = 4.8"D x 1.0"H	PMR5738WH
Round fixture/fan box with solid base Dia. = 5.5"D x 1.0"H	PMR5738AWH
Round fixture box with solid base Dia. = 6.4"D x 1.0"H	PMR5739WH
Round extension box with open base Dia. = 4.8"D x 1.0"H	PMR5737WH
Round extension box with open base Dia. = 5.5"D x 1.0"H	PMR5737AWH
Round extension box with open base Dia. = 6.4"D x 1.0"H	PMR5739AWH
Alarm device box. 4.9"L x 4.9"W x 1.4"H	PMR5752RD
Deep alarm device box 4.9"L x 4.9"W x 2.8"H	PMR5753RD

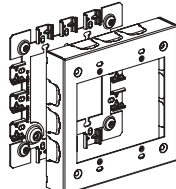
All parts listed in WH (White).
For other colors, replace WH (White) with
AL (Almond).



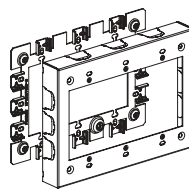
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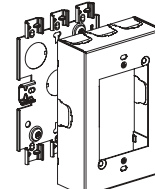
PMR5751



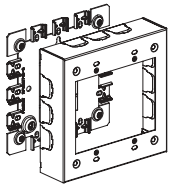
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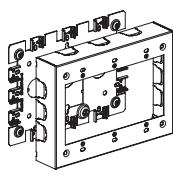
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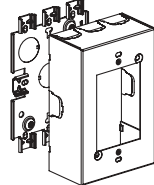
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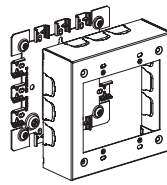
PMR5747-2



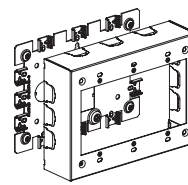
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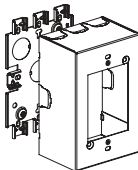
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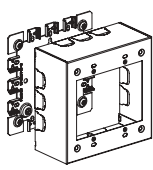
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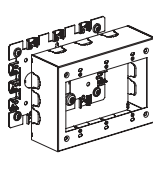
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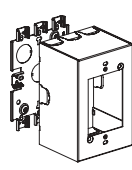
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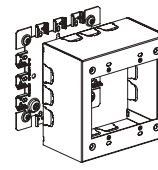
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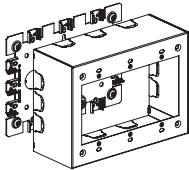
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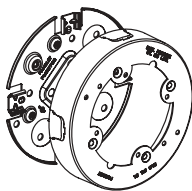
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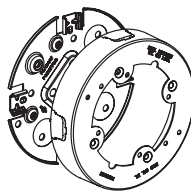
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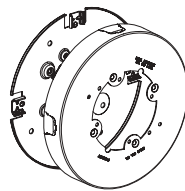
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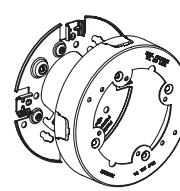
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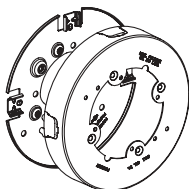
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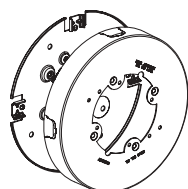
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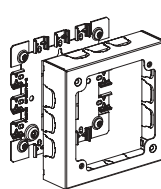
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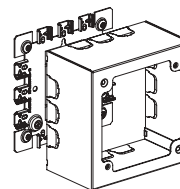
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PMR5739A



PMR5752RD



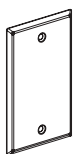
PMR5753RD

PAN-WAY® PMR5/PMR7 Metal Raceway System

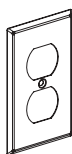


Metal Faceplates

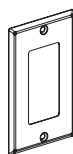
For use with PAN-WAY® PMR5 or PMR7 Raceways



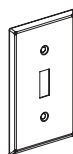
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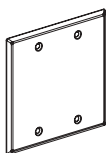
MP1G106



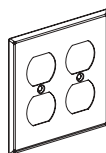
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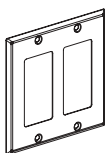
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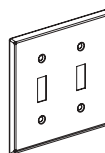
MP2GB



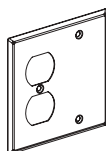
MP2G106



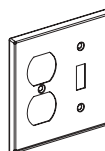
MP2GR



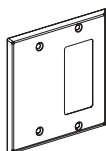
MP2TS



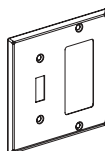
MP2G106B



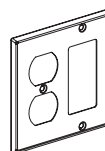
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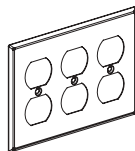
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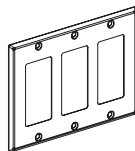
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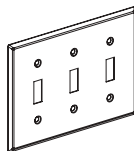
MP2G106R



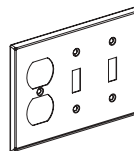
MP3G106



MP3GR



MP3TS



MP3G1062TS

PMR5/PMR7 Metal Raceway Faceplates

Single gang blank faceplate MP1GBWH

Single gang 106 duplex faceplate MP1G106WH

Single gang rectangular faceplates MP1GRWH

Single gang toggle switch faceplate MP1TSWH

Double gang blank faceplate MP2GBWH

Double gang 106 duplex faceplate MP2G106WH

Double gang rectangular faceplate MP2GRWH

Double gang toggle switch faceplate MP2TSWH

Double gang 106 duplex/blank faceplate MP2G106BWH

Double gang 106 duplex/toggle switch faceplate MP2G106TSWH

Double gang rectangular/blank faceplate MP2GRBWH

Double gang rectangular/toggle switch faceplate MP2GRTSWH

Double gang 106 duplex/rectangular faceplate MP2G106RWH

Three gang 106 duplex faceplate MP3G106WH

Three gang rectangular faceplate MP3GRWH

Three gang toggle switch faceplate MP3TSWH

Three gang 106 duplex/two toggle switch faceplate MP3G1062TSWH

All parts listed in WH (White).
For other colors, replace WH (White) with AL (Almond).

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