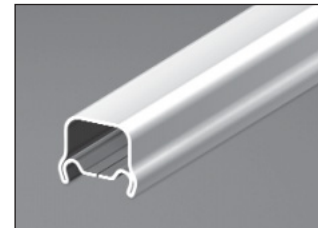
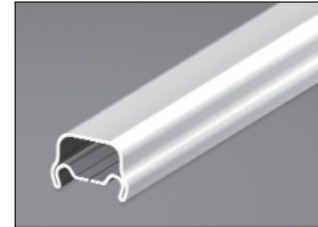


specifications

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

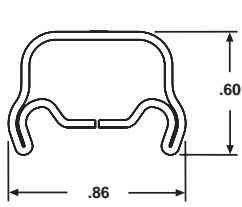
| | |
|-----------------------------------|---|
| Increased safety | Raceway system features a patent pending bonding design that provides full continuity of the ground path between fittings and channel, for increased electrical safety |
| Reduced installation time | System components incorporate an 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

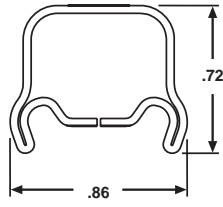
PAN-WAY® PMR5 and PMR7 Metal Raceway is a single channel surface mounted raceway which provides solutions for routing and terminating power and/or low voltage wire and cable.

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



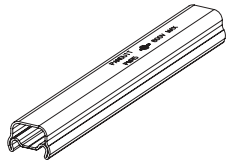
PMR5
Internal Area = .22 in.²



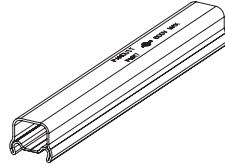
PMR7
Internal Area = .30 in.²

| 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 | RG6 | | 2 Strand | | | |
| | | THHN/T90 | | | Category 6 | | Category 6A | | | | | |
| | | .111 | .130 | .164 | Dia. = .250 | | Dia. = .330 | | Dia. = .275 | | Dia. = .175 | |
| | | 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 | 40% | 60% | 40% | 60% | 40% | 60% | 40% | 60% |

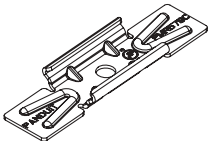
AWG dimensions represent typical outer cable diameter in inches.



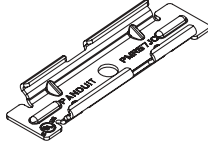
PMR5*



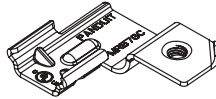
PMR7*



PMR57SC-X



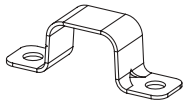
PMR57JC-X



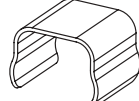
PMR57GC-X



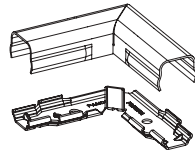
**PMR5WPB-X
PMR7WPB-X**



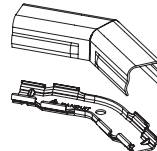
**PMR5MS
PMR7MS**



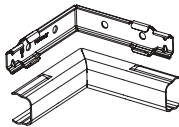
**PMR5CC
PMR7CC**



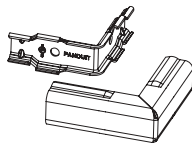
**PMR5RA
PMR7RA**



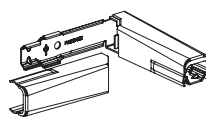
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PMR7DA**



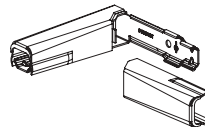
**PMR5IC
PMR7IC**



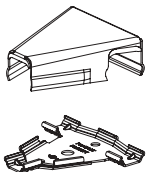
**PMR5OC
PMR7OC**



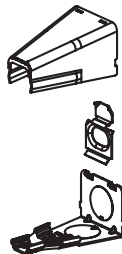
PMR5LTE



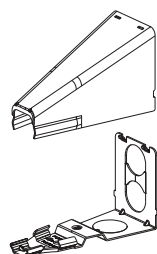
PMR5RTE



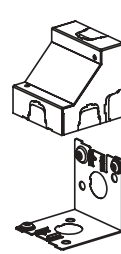
PMR57T



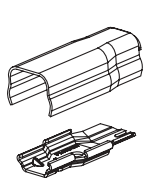
PMR57EE



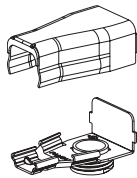
PMR57AOC



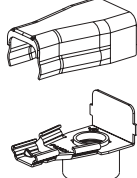
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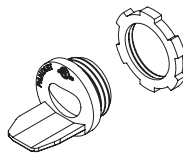
**PMR5TR
PMR7TR**



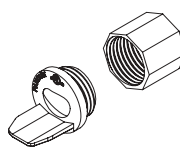
PMR57EBC



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

PMR**WPB-X

Mounting strap for PMR5 or PMR7

PMR**MSWH-X

Coupler fitting for PMR5 or PMR7

PMR**CCWH-X

Right angle fitting for PMR5 or PMR7

PMR**RAWH

Diagonal 45° angle fitting for PMR5 or PMR7

PMR**DAWH

Inside corner fitting for PMR5 or PMR7

PMR**ICWH

Outside corner fitting for PMR5 or PMR7

PMR**OCWH

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

PMR**TRWH

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

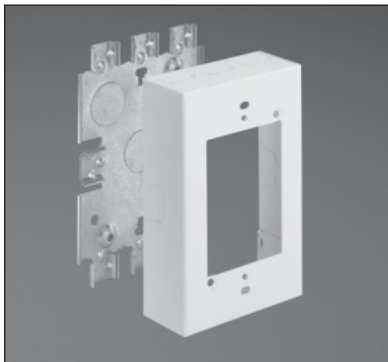
All parts listed in WH (White).

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

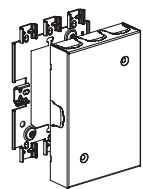


Metal Boxes

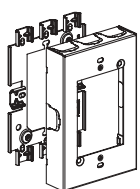
For use with PAN-WAY® PMR5 or PMR7 Raceways

PMR5/PMR7 Metal Raceway Boxes

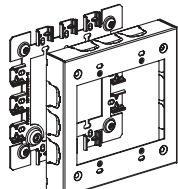
| | |
|--|--------------|
| <i>Single gang blank extension box</i> 4.9"L x 3.3"W x 1.0"H | PMR5760WH |
| <i>Single gang extension box</i> 4.9"L x 3.3"W x 1.0"H | PMR5751WH |
| <i>Double gang extension box</i> 4.9"L x 4.9"W x 1.0"H | PMR5751-2WH |
| <i>Three gang extension box</i> 4.9"L x 6.7"W x 1.0"H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



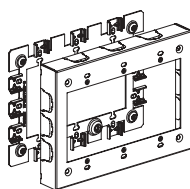
PMR5760



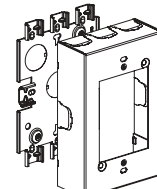
PMR5751



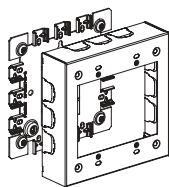
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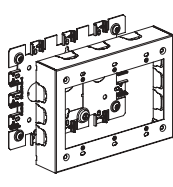
PMR5751-3



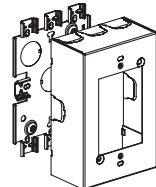
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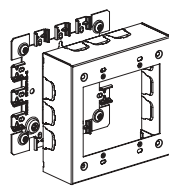
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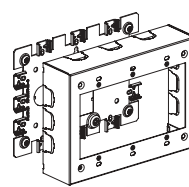
PMR5747-3



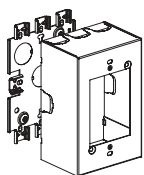
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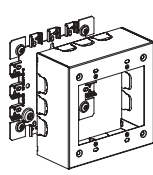
PMR5748-2



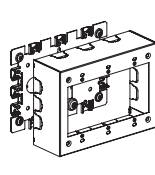
PMR5748-3



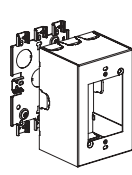
PMR5744S



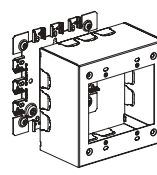
PMR5744S-2



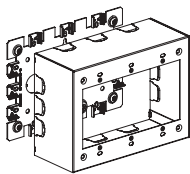
PMR5744S-3



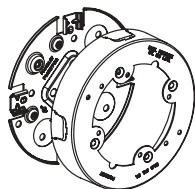
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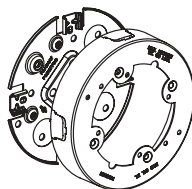
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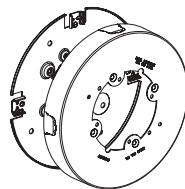
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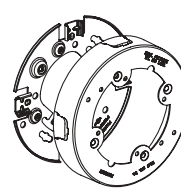
PMR5738



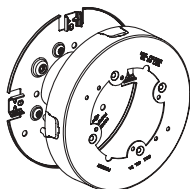
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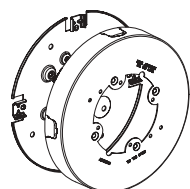
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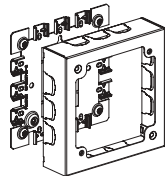
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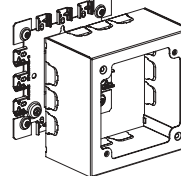
PMR5737A



PMR5739A



PMR5752RD



PMR5753RD

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

PAN-WAY® PMR5/PMR7 Metal Raceway System

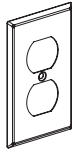


Metal Faceplates

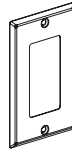
For use with PAN-WAY® PMR5 or PMR7 Raceways



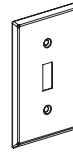
MP1GB



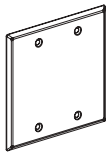
MP1G106



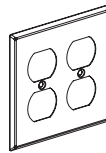
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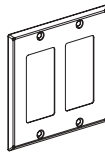
MP1TS



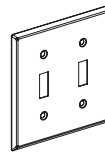
MP2GB



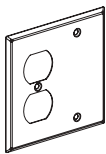
MP2G106



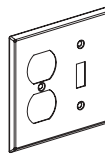
MP2GR



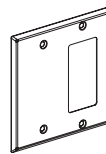
MP2TS



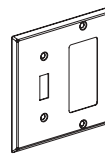
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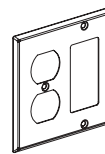
MP2G106TS



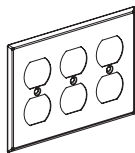
MP2GRB



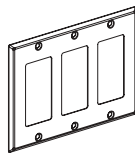
MP2GRTS



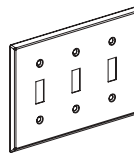
MP2G106R



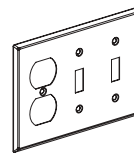
MP3G106



MP3GR



MP3TS



MP3G106TS

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 | MP3G106T2SWH |

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

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