Pan-Way® Metal Raceway

Pan-Way® Metal Raceway is a series of single and multi-channel solutions for routing, protecting, concealing and terminating power wire and high performance copper, voice, video or fiber optic cable. Panduit metal raceway is designed with labor saving features to increase productivity and lower installed costs, while incorporating benefits of increased safety and cable protection. Pan-Way® Metal Raceway is an innovative routing solution that offers superior benefits over competitive systems:

PMR5 and PMR7 Single Channel Metal Raceway

- **Raceway system features a patent pending bonding design that provides full continuity of the ground path between fittings and channel, for increased electrical safety**
- **System components incorporate an innovative snap-mount assembly method for fast installations, resulting in measurable contractor labor savings**
- **Fittings and mounts can be attached using various types and sizes of fasteners, eliminating the requirements of using only flat head style screws**
- **One-piece channel construction eliminates the problem of channel separation, associated with competitive two-piece designs, saving installation time**

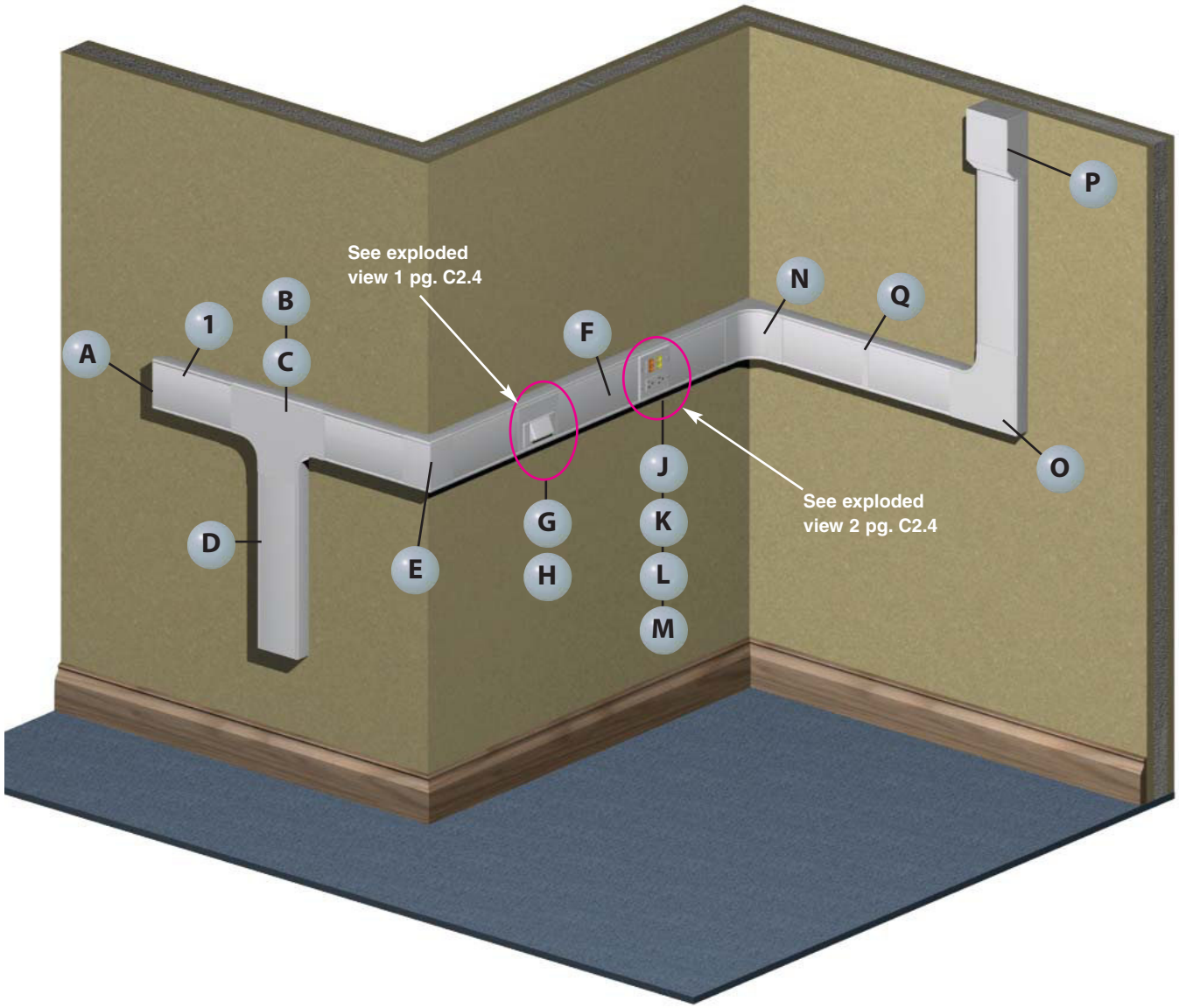
PMR40 Multi-Channel Metal Raceway

- **Raceway accepts standard double gang faceplates for increased termination options and reduced number of components**
- **System includes optional faceplates and fittings to support high performance Category 6A copper and fiber optic cabling terminations**
- **Full capacity 2 inch bend radius fittings provide necessary cable protection without restricting channel capacity**

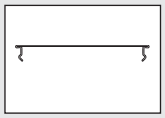
Pan-Way® Metal Raceway systems include a complete assortment of fittings, junction boxes, faceplates and accessories. They are available in white and almond color to match any decor and most popular electrical outlets. Systems are optimized for use with Panduit® Mini-Com® Modules for complete connectivity possibilities.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel Ties
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power Connectors
D3. Grounding Connectors
E1. Labeling Systems
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Permanent Identification
E5. Lockout/ Tagout & Safety Solutions
F. Index

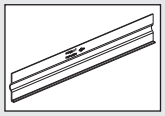
PMR40 Raceway Roadmap



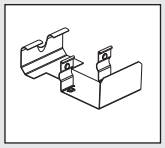
1 **PMR40** – PMR40 Metal Raceway (page C2.5)**



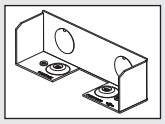
1 **PMR40C** – PMR40 Cover (page C2.5)**



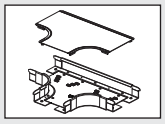
1 **PMR40DW* – PMR40 Divider Wall (page C2.5)**



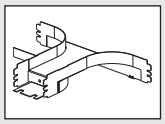
1 **PMR40DC-X – PMR40 Divider Clip (page C2.5)**



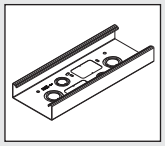
A **PMR40EC** – End Cap (page C2.6)**



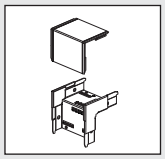
B **PMR40T** – Tee Fitting (page C2.6)**



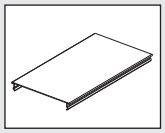
C **PMR40TD50 – Tee Divider Insert (page C2.6)**



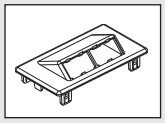
D **PMR40BF** – Backfeed Fitting (page C2.6)**



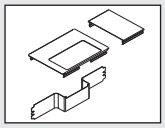
E **PMR40SOC** – Outside Corner (*no bend radius*) (page C2.6)**



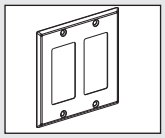
F **PMR40C**7.75 – Pre-Cut Cover for mounting devices on 12" centers (page C2.5)**



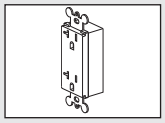
G **PMR40FH4** – Horizontal Sloped Communication Faceplate (page C2.6)**



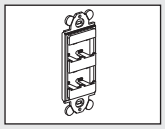
H **PMR40DP50** – PMR40 50/50 Data Plate (page C2.6)**



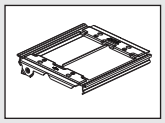
J **MP2GR** – Double Gang Rectangular Faceplate (page C2.17)**



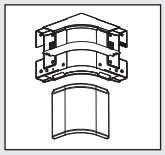
K **ERU20** – 20 A Specification Grade Rectangular Outlet (page C2.61)**



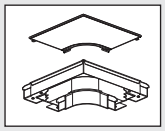
L **CFG4 – Mini-Com® Frame (see SA-NCCB51)**



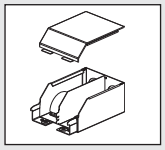
M **PMR40DB50 – Device Bracket (page C2.6)**



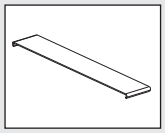
N **PMR40IC** – Inside Corner (page C2.6)**



O **PMR40RA** – Right Angle (page C2.5)**



P **PMR40EE** – Entrance End (page C2.6)**

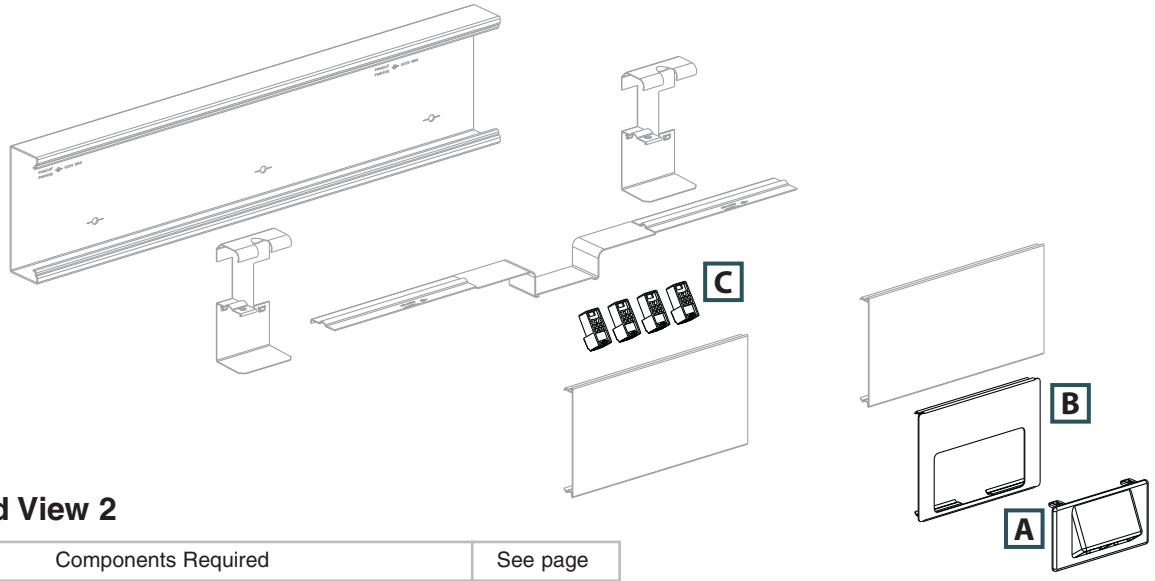


Q **PMR40SC**-X – Seam Clip (page C2.5)**

PMR40 Configurations

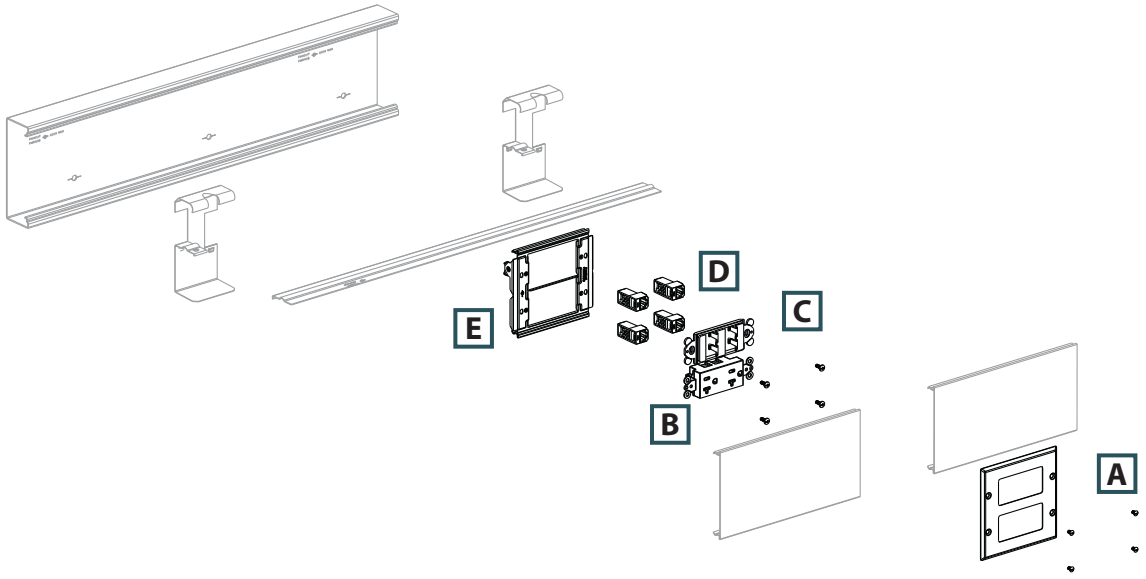
Exploded View 1

	Components Required	See page
A.	PMR40FH4 = Horizontal sloped communication faceplate.	C2.6
B.	PMR40DP50** = PMR40 50/50 data plate and offset divider wall.	C2.6
C.	Mini-Com® Modules.	—



Exploded View 2

	Components Required	See page
A.	MP2GR** = Double gang rectangular faceplate.	C2.17
B.	ERU20** = 20 V specification grade rectangular outlet.	C2.61
C.	CFG4 = Mini-Com® Frame.	—
D.	Mini-Com® Modules.	—
E.	PMR40DB50 = Device bracket.	C2.6

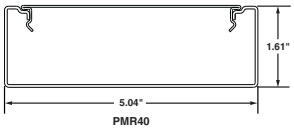


Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

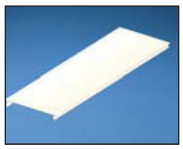
Pan-Way® PMR40 Metal Raceway System

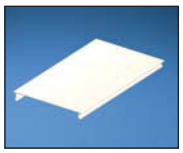
- c-UL-us listed and rated to 600 V; meets UL 5 and CSA22.2 No. 62-93 safety standards
- Raceway accepts standard double gang faceplates for increased termination options and reduced number of components
- System includes optional faceplates and fittings to support high performance Category 6A copper and fiber optic cabling terminations
- Full capacity 2 inch bend radius fittings provide necessary cable protection without restricting channel capacity
- Supplied with pre-punched mounting holes

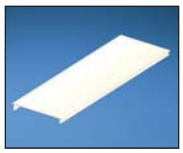


PMR40
Internal Area = 7.45 Sq. In.

PMR40B


PMR40C


PMR40C***


PMR40C***

PMR40C***

PMR40C***

PMR40DW5

PMR40DC

Part Number	Part Description	Raceway Size	Color‡	Length Ft.	Std. Pkg. Qty.
PMR40 Metal Raceway Base					
PMR40BWH10	PMR40 raceway base available in 10' lengths. Supplied with pre-punched mounting holes.	5.04" x 1.61" (128.0mm x 40.9mm)	White	10	10
PMR40 Metal Raceway Cover					
PMR40CWH5	PMR40 raceway cover available in 5' lengths.	—	White	5	5
PMR40 Metal Raceway Pre-cut Covers					
PMR40CWH7.75	7.75" pre-cut cover. To be used with PMR40 raceway for mounting devices on 12" centers.	—	White	—	1
PMR40CWH13.75	13.75" pre-cut cover. To be used with PMR40 raceway for mounting devices on 18" centers.	—	White	—	1
PMR40CWH19.75	19.75" pre-cut cover. To be used with PMR40 raceway for mounting devices on 24" centers.	—	White	—	1
PMR40CWH31.75	31.75" pre-cut cover. To be used with PMR40 raceway for mounting devices on 36" centers.	—	White	—	1
PMR40 Metal Raceway Divider Wall					
PMR40DW5	PMR40 divider wall snaps into PMR40DC-X to create separate channels. Must use wire retainers to ensure channel separation per UL/CSA. Available in 5' lengths.	—	Gray	5	5
PMR40 Metal Raceway Divider Wall Clip					
PMR40DC-X	Divider wall clip. Required for supporting PMR40DW. 30" spacing recommended between clips.	—	Gray	—	10

‡For other colors replace WH (White) with AL (Almond). Order number of feet required in multiples of standard carton quantity. Order raceway base and cover separately.

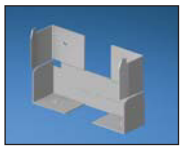
Pan-Way® PMR40 Metal Raceway Fittings

- PMR40 fittings are designed to exceed the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems

PMR40SCWH-X

PMR40BC

PMR40RA


PMR40SIC

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
PMR40SCWH-X	Seam clip. Used to join sections of PMR40 raceway.	White	10	100
PMR40BC	Base coupler. Used to join sections of PMR40 raceway base.	Gray	10	100
PMR40RAWH	Right angle fitting. Used to join sections of PMR40 raceway at right angles.	White	1	10
PMR40SIC	Inside corner fitting w/out bend radius control. Used to join sections of PMR40 raceway at inside corners.	Gray	1	10

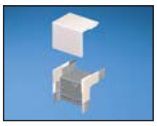
‡For other colors replace WH (White) with AL (Almond).

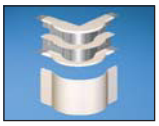
Table continues on page C2.6

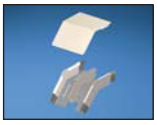
c UL us Pan-Way® PMR40 Metal Raceway Fittings (continued)

PMR40IC

PMR40I45E


PMR40SOC

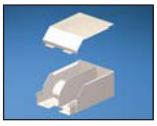

PMR40OC


PMR40E45E

PMR40T

PMR40TD50

PMR40EC


PMR40EE

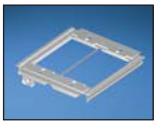
PMR40TR

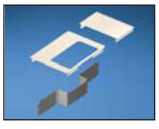
PMR40BF

PMR40PC

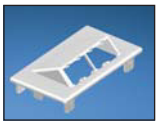
PMR40ICC

PMR40WR


PMR40DB50


PMR40DP50

PMR40FH2


PMR40FH4

PMR40KH2

PMR40KH4

RBFIWH

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
PMR40ICWH	Inside corner fitting. Used to join sections of PMR40 raceway at inside corners.	White	1	10
PMR40I45EWH	Internal 45° elbow fitting. Used to join sections of PMR40 raceway at 45° inside corners.	White	1	10
PMR40SOCWH	Outside corner fitting without bend radius control. Used to join sections of PMR40 raceway at outside corners.	White	1	10
PMR40OCWH	Outside corner fitting. Used to join sections of PMR40 raceway at outside corners.	White	1	10
PMR40E45EWH	External 45° elbow fitting. Used to join sections of PMR40 raceway at 45° outside corners.	White	1	10
PMR40TWH	Tee fitting. Used to join sections of PMR40 raceway at tee intersections.	White	1	10
PMR40TD50	Tee divider insert for a 50/50 data/power split. Maintains a 50/50 channel separation for power and data applications.	Gray	1	10
PMR40ECWH	End cap fitting. Used to terminate or allow entry into PMR40 raceway. Breakouts for 1/2" conduit.	White	1	10
PMR40EEWH	Entrance end fitting. Breakouts for 3/4", 1", and 1 1/4" conduit which allows entry from ceiling or wall.	White	1	10
PMR40TRWH	WIREMOLD* to PMR40 transition fitting. In-line transition fitting from WIREMOLD* 4000 series to PMR40 raceway.	White	1	10
PMR40BFWH	Backfeed fitting. Allows cable entry through the back of the PMR40 raceway. Two round breakouts for 1/2", 3/4" and 1" conduit, two round breakouts for 3/4", 1", and 1 1/4" conduit and two 1 11/16" X 2 9/16" rectangular breakouts.	White	1	10
PMR40PCWH	Panel connector. To connect PMR40 raceway with surface type panel boxes.	White	1	10
PMR40ICC	Internal corner coupling.	Gray	1	10
PMR40WR-X	Wire retainer. Used to hold wires in place during installation.	Gray	10	100
PMR40DB50	Device mounting bracket 50/50 split. Used to mount NEMA standard single gang electrical outlets and communication devices with either screw-on or snap-on single gang faceplates.	Gray	1	10
PMR40DP50WH	PMR40 data plate for mounting data faceplates PMR40FH2, PMR40FH4, PMR40KH2 or PMR40KH4 when a 50/50 split channel is used in the PMR40 base. Includes data plate, 2.50" pre-cut cover, and offset divider wall.	White	1	10
PMR40FH2WH	Snap-on horizontal sloped communication faceplate. Accepts two Panduit® Mini-Com® Modules (not included). Note: Customer needs to purchase PMR40DP50WH.	White	1	10
PMR40FH4WH	Snap-on horizontal sloped communication faceplate. Accepts four Panduit® Mini-Com® Modules (not included). Note: Customer needs to purchase PMR40DP50WH.	White	1	10
PMR40KH2WH	Snap-on horizontal sloped communication faceplate. Accepts two Keystone modules (not included). Note: Customer needs to purchase PMR40DP50WH.	White	1	10
PMR40KH4WH	Snap-on horizontal sloped communication faceplate. Accepts four Keystone modules (not included). Note: Customer needs to purchase PMR40DP50WH.	White	1	10
RBFIWH	Rectangular blank faceplate. Snap-in insert for any NEMA standard rectangular opening in metal raceway faceplates. Reserves the location for future use.	White	1	10

‡For other colors replace WH (White) with AL (Almond).
*WIREMOLD is a registered trademark of the Wiremold Co.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Cable Fill Capacities for PMR40 Metal Raceway

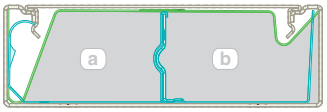
This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.

A = 7.45 in.²

Cable fill #1: Open channel without devices

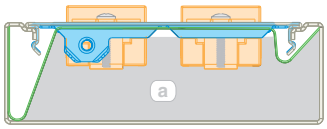
A = 6.18 in.²

Cable fill #2: Undivided, wire retainer only



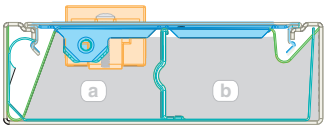
A = 2.64 in.² B = 3.04 in.²

Cable fill #3: Divided with wire retainer



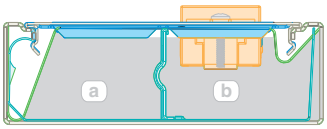
A = 4.64 in.²

Cable fill #4: Undivided with duplex receptacle on two sides



A = 1.87 in.² B = 2.84 in.²

Cable fill #5: Divided with duplex receptacle on (A) side



A = 2.49 in.² B = 2.21 in.²

Cable fill #6: Divided with duplex receptacle on (B) side

SPEC = 40% cable fill – Recommended by TIA/EIA-569-B for design.

MAX for 60% cable fill – Recommended by TIA/EIA-569-B for unplanned additions.

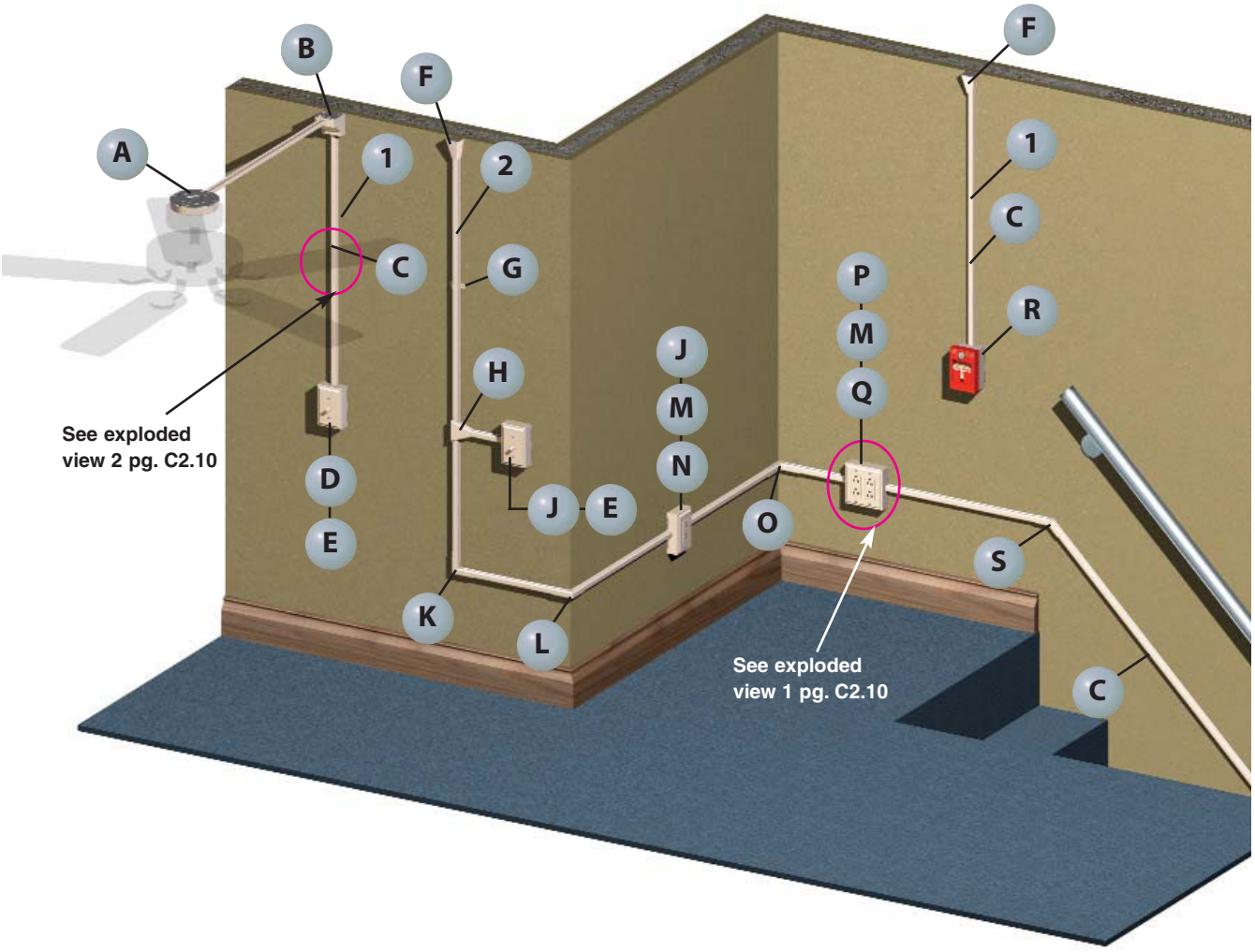
MAX for 40% power cable fill – Based on available internal area.

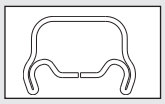
Raceway Type and Configuration		Fill Area (in²)	Electrical Cables			Data Grade Cables		Data Grade Cables		Audio/Video	
			14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6	
			THHN/T90			Cat. 6		Cat. 6A			
			0.111	0.130	0.164	DIA. = 0.250		DIA. = 0.330		DIA. = 0.275	
			FILL			FILL		FILL		FILL	
			MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
			40%	40%	40%	40%	60%	40%	60%	40%	60%
1. PMR40 - Undivided (base and cover)		7.45	307	224	140	60	91	34	52	50	75
2. PMR40 - Undivided, wire retainer only		6.18	255	186	117	50	75	28	43	41	62
3a.	PMR40 - Divided, with wire retainer	2.64	109	79	50	21	32	12	18	17	26
3b.		3.04	125	91	57	24	37	14	21	20	30
4. PMR40 - Undivided with duplex receptacle 2 sides		4.64	191	139	87	—	—	—	—	—	—
5a.	PMR40 - Divided with duplex receptacle on (A) side	1.87	78	57	36	—	—	—	—	—	—
5b.		2.84	—	—	—	23	34	13	19	19	28
6a.	PMR40 - Divided with duplex receptacle on (B) side	2.49	—	—	—	20	30	11	17	16	25
6b.		2.21	91	66	41	—	—	—	—	—	—

AWG dimensions represent typical outer cable diameter in inches.

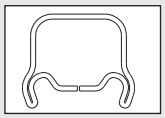
A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel Ties
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power Connectors
D3. Grounding Connectors
E1. Labeling Systems
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Permanent Identification
E5. Lockout/ Tagout & Safety Solutions
F. Index

PMR5/7 Raceway Roadmap



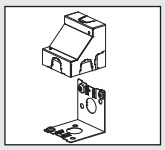


1 **PMR5** – PMR5 Metal Raceway (page C2.11)**

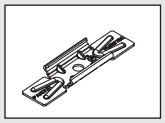


2 **PMR7** – PMR7 Metal Raceway (page C2.11)**

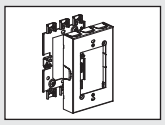
A **PMR5738A** – Round Fan/Fixture Box (page C2.16)**



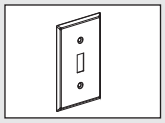
B **PMR57CB** – Corner Box (page C2.12)**



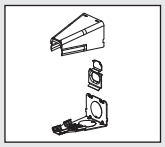
C **PMR57SC-X – Supporting Clip (page C2.11)**



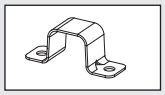
D **PMR5751** – Single Gang Extension Box (page C2.15)**



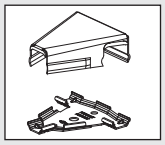
E **MP1TS** – Single Gang Toggle Switch Faceplate (page C2.17)**



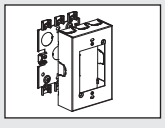
F **PMR57EE** – Entrance End Fitting (page C2.12)**



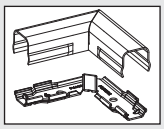
G **PMR7MS** – Mounting Strap (page C2.11)**



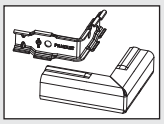
H **PMR57T** – Tee Fitting (page C2.12)**



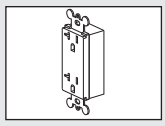
J **PMR5747** – Single Gang Shallow Outlet Box (page C2.15)**



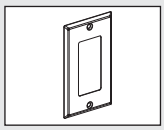
K **PMR7RA** – Right Angle Fitting (page C2.12)**



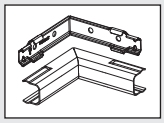
L **PMR7OC** – Outside Corner Fitting (page C2.12)**



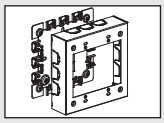
M **ERU20** – 20 A Specification Grade Rectangular Outlet (page C2.61)**



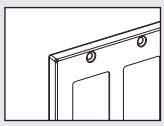
N **MP1GR** – Single Gang Rectangular Faceplate (page C2.17)**



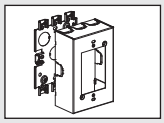
O **PMR7IC** – Inside Corner Fitting (page C2.12)**



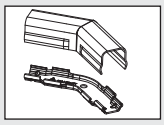
P **PMR5747-2** – Double Gang Shallow Outlet Box (page C2.15)**



Q **MP2GR** – Double Gang Rectangular Faceplate (page C2.17)**



R **PMR5748** – Single Gang Outlet Box (page C2.15)**

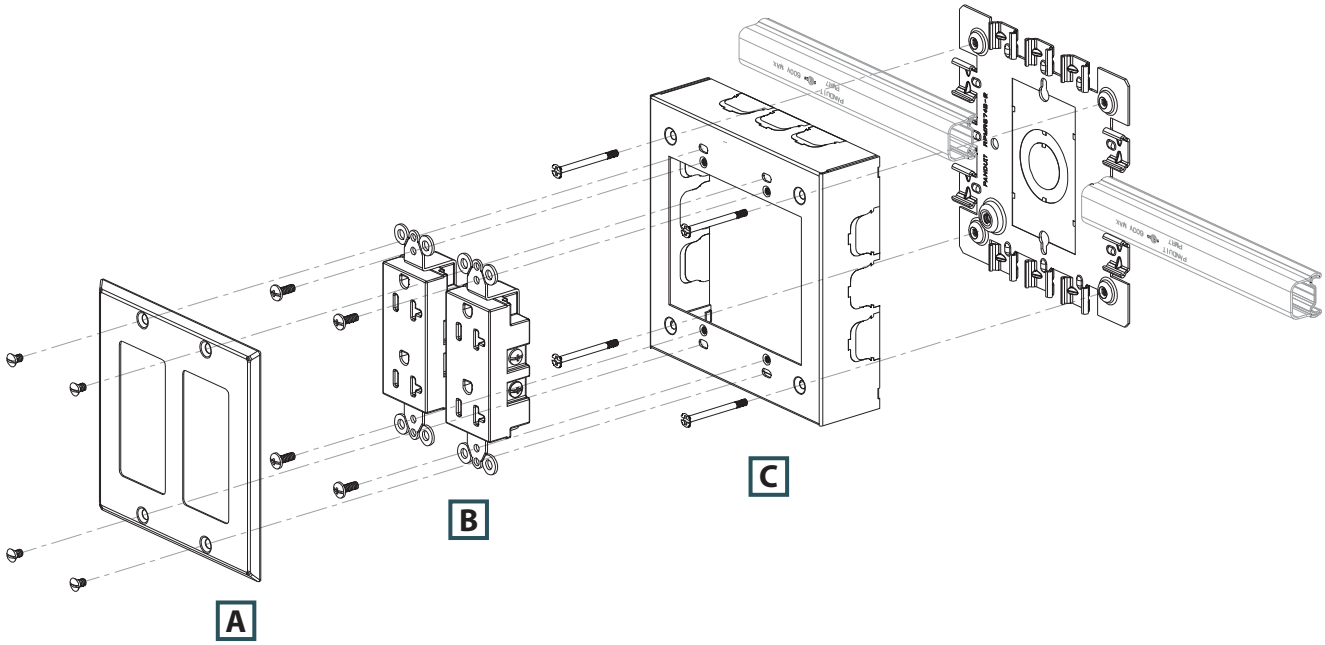


S **PMR7DA** – Diagonal 45° Angle Fitting (page C2.12)**

PMR5/PMR7 Configurations

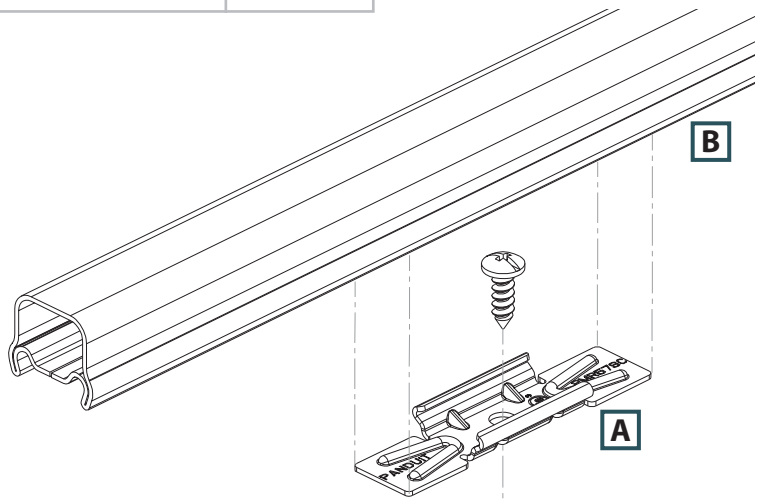
Exploded View 1

	Components Required	See page
A.	MP2GR = Double gang rectangular faceplate.	C2.17
B.	ERU20 = 20 A Specification rectangular outlet.	C2.61
C.	PMR5747-2 = Double gang deep outlet box.	C2.15



Exploded View 2

	Components Required	See page
A.	PMR57SC-X = Supporting clip.	C2.11
B.	PMR7*** = PMR7 metal raceway.	C2.11

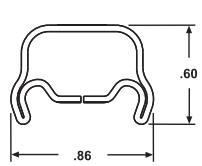


Order number of pieces required, in multiples of Standard Package Quantity.

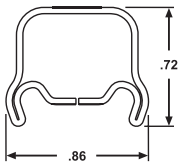
Prime items appear in **BOLD**.

Pan-Way® PMR5/PMR7 Metal Raceway System

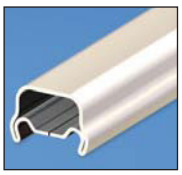
- c-UL-us listed and rated to 600 V; meets UL 5 and CSA22.2 No. 62-93 safety standards
- Raceway system features a patent pending bonding design that provides full continuity of the ground path between fittings and channel, for increased electrical safety
- System components incorporate a unique snap mount assembly method for faster installation
- Fittings and mounts can be attached using various types and sizes of fasteners, eliminating the requirements of using only flat head style screws
- One-piece channel construction eliminates the problem of channel separation, associated with competitive two-piece designs, saving installation time

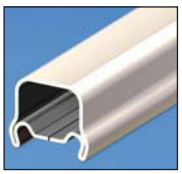


PMR5
Internal Area = 0.22 Sq. In.



PMR7
Internal Area = 0.30 Sq. In.

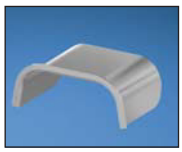

PMR5


PMR7

PMR57SC

PMR57JC

PMR57GC


PMR5WPB
PMR7WPB

PMR5MS
PMR7MS

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Pkg. Qty.	Std. Ctn. Qty.
PMR5 Metal Raceway						
PMR5WH5	One-piece single channel metal surface raceway. Available in 5' lengths.	0.86" x 0.60" (21.8mm x 15.2mm)	White	5	5	50
PMR5WH10	One-piece single channel metal surface raceway. Available in 10' lengths.	0.86" x 0.60" (21.8mm x 15.2mm)	White	10	10	100
PMR7 Metal Raceway						
PMR7WH5	One-piece single channel metal surface raceway. Available in 5' lengths.	0.86" x 0.72" (21.8mm x 18.3mm)	White	5	5	50
PMR7WH10	One-piece single channel metal surface raceway. Available in 10' lengths.	0.86" x 0.72" (21.8mm x 18.3mm)	White	10	10	100
PMR7 Metal Raceway						
PMR57SC-X	Supporting clip used to support lengths of PMR5 or PMR7 raceway at any desired point.	—	Gray	—	10	100
PMR7 Metal Raceway						
PMR57JC-X	Joint coupling used to join two lengths of PMR5 or PMR7 raceway.	—	Gray	—	10	100
PMR7 Metal Raceway						
PMR57GC-X	Ground clip used to provide additional grounding of raceway or to ground remote installations. For use with PMR5 or PMR7 raceway.	—	Gray	—	10	100
Supporting Clip						
PMR5WPB-X	Bushing used to protect wires from abrasion. For use with PMR5 raceway.	—	Gray	—	10	100
PMR7WPB-X	Bushing used to protect wires from abrasion. For use with PMR7 raceway.	—	Gray	—	10	100
PMR7 Metal Raceway						
PMR5MSWH-X	Mounting strap for use with PMR5 raceway.	—	White	—	10	100
PMR7MSWH-X	Mounting strap for use with PMR7 raceway.	—	White	—	10	100

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

Pan-Way® PMR5/PMR7 Metal Raceway Fittings

PMR5CC
PMR7CC

PMR5RA
PMR7RA

PMR5DA
PMR7DA

PMR5IC
PMR7IC

PMR5OC
PMR7OC

PMR57LTE

PMR57RTE

PMR57T

PMR57EE

PMR57AOC

PMR57CB

PMR5TR
PMR7TR

PMR57EBC

PMR57ECC

PMR57JBC50
PMR57JBC75

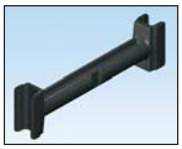
PMR57CC50
PMR57CC75

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
PMR5CCWH-X	Coupler fitting for use with PMR5 raceway.	White	10	100
PMR7CCWH-X	Coupler fitting for use with PMR7 raceway.	White	10	100
PMR5RAWH	Right angle fitting for use with PMR5 raceway.	White	1	10
PMR7RAWH	Right angle fitting for use with PMR7 raceway.	White	1	10
PMR5DAWH	Diagonal 45° angle fitting for use with PMR5 raceway.	White	1	10
PMR7DAWH	Diagonal 45° angle fitting for use with PMR7 raceway.	White	1	10
PMR5ICWH	Inside corner fitting for use with PMR5 raceway.	White	1	10
PMR7ICWH	Inside corner fitting for use with PMR7 raceway.	White	1	10
PMR5OCWH	Outside corner fitting for use with PMR5 raceway.	White	1	10
PMR7OCWH	Outside corner fitting for use with PMR7 raceway.	White	1	10
PMR57LTEWH	Left twisted elbow for 90° twist with 90° turn. For double turn at right angles from one surface to another, such as a flat run on a sidewall to a flat run on a ceiling. For use with PMR5 and PMR7 raceway.	White	1	10
PMR57RTEWH	Right twisted elbow for 90° twist with 90° turn. For double turn at right angles from one surface to another, such as a flat run on a sidewall to a flat run on a ceiling. For use with PMR5 and PMR7 raceway.	White	1	10
PMR57TWH	Tee fitting for use with PMR5 or PMR7 raceway.	White	1	10
PMR57EEWH	Entrance end fitting. 1/2" conduit breakouts allows entry of PMR5 or PMR7 raceway from a box, the ceiling, or a wall. Spring steel bushing included for use when connecting to a box.	White	1	10
PMR57AOCWH	Adjustable offset allows PMR5 or PMR7 to be mounted flush to wall when connected to surface type panel boxes. Adjustable between 5/8" and 1 3/8" from surface to center of conduit. 1/2" chase nipple and locknut included.	White	1	10
PMR57CBWH	Corner box for connecting PMR5 or PMR7 raceway. Each leg has 1/2" conduit breakouts and room for splicing.	White	1	10
PMR5TRWH	WIREMOLD* to PMR5 transition fitting. In-line transition fitting from WIREMOLD* 500 series to PMR5 raceway.	White	1	10
PMR7TRWH	WIREMOLD* to PMR7 Transition fitting. In-line transition fitting from WIREMOLD* 700 series to PMR7 raceway.	White	1	10
PMR57EBCWH	Elbow box connector used to connect PMR5 or PMR7 raceway to boxes at a right angle. Breakouts for 1/2" conduit.	White	1	10
PMR57ECCWH	Elbow conduit connector used to connect PMR5 or PMR7 raceway to conduit at a right angle. Breakouts for 1/2" conduit.	White	1	10
PMR57JBC50-X	Junction box connector used to connect PMR5 or PMR7 raceway to boxes with 1/2" conduit breakout.	White	10	100
PMR57JBC75-X	Junction box connector used to connect PMR5 or PMR7 raceway to boxes with 3/4" conduit breakout.	White	10	100
PMR57CC50-X	Conduit connector used to connect PMR5 or PMR7 raceway to 1/2" conduit.	White	10	100
PMR57CC75-X	Conduit connector used to connect PMR5 or PMR7 raceway to 3/4" conduit.	White	10	100

‡For other colors replace WH (White) with AL (Almond).
*WIREMOLD is a registered trademark of the Wiremold Co.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PMR5 and PMR7 Raceway Accessories



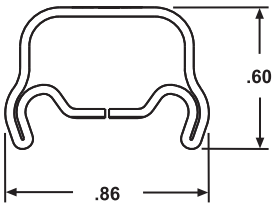
PMR57MRT

PMRTUP**

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
PMR57MRT	Metal raceway tool. To aid in the installation and removal of PMR5 and PMR7 metal raceway base sections.	Black	1	10
PMRTUPAL	Touch-up paint pen. Used to repair areas of metal raceway where paint has been removed or damaged.	—	1	10
PMRTUPWH	Touch-up paint pen. Used to repair areas of metal raceway where paint has been removed or damaged.	—	1	10

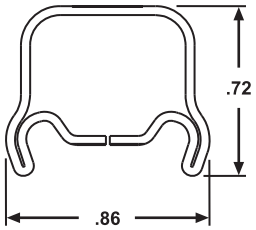
Cable Fill Capacities for PMR5/PMR7 Metal Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.



PMR5

A = .22 in.²



PMR7

A = .30 in.²

SPEC = 40% cable fill – The recommended design in cable capacity, leaves room for future moves, adds, and changes.

MAX for Data = 60% cable fill – The maximum cable quantity based on cable interweaving and packing factors.

Raceway Type and Configuration	Fill Area (In.²)	Electrical Cables			Data Grade Cables		Data Grade Cables		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					
		0.111	0.130	0.164	Dia. = 0.250		Dia. = 0.330		Dia. = 0.275		Dia. = 0.175	
		FILL			FILL		FILL		FILL		FILL	
		MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
		40%	40%	40%	40%	60%	40%	60%	40%	60%	40%	60%
PMR5	0.22	9	6	4	1	2	1	1	1	2	3	5
PMR7	0.30	12	8	5	2	3	1	2	2	3	4	7

AWG dimensions represent typical outer cable diameter in inches.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Pan-Way® Metal Raceway Boxes

PMR5760

PMR5751

PMR5751-2

PMR5751-3

PMR5747

PMR5747-2

PMR5747-3

PMR5748

PMR5748-2

PMR5748-3

PMR5744S

PMR5744S-2

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
PMR5760WH	Single gang blank extension box. For use with Pan-Way® PMR5 or PMR7 Raceway. 4.92"L x 3.17"W x 0.94"H (125.0mm x 80.5mm x 23.8mm)	White	1	10
PMR5751WH	Single gang extension box. Box accepts Pan-Way® Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. 4.92"L x 3.17"W x .94"H (125.0mm x 80.5mm x 23.8mm)	White	1	10
PMR5751-2WH	Double gang extension box. Box accepts Pan-Way® Faceplates or any standard double gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. 4.92"L x 4.92"W x .94"H (125.0mm x 125.0mm x 23.8mm)	White	1	10
PMR5751-3WH	Three gang extension box. Box accepts Pan-Way® Faceplates or any standard three gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. 4.92"L x 6.72"W x .94"H (125.0mm x 170.7mm x 23.8mm)	White	1	10
PMR5747WH	Single gang shallow outlet box. Box accepts Pan-Way® Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 3.17"W x 1.38"H (125.0mm x 80.5mm x 34.9mm)	White	1	10
PMR5747-2WH	Double gang shallow outlet box. Box accepts Pan-Way® Faceplates or any standard double gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" and 1" conduit. 4.92"L x 4.92"W x 1.38"H (125.0mm x 125.0mm x 34.9mm)	White	1	10
PMR5747-3WH	Three gang shallow outlet box. Box accepts Pan-Way® Faceplates or any standard three gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 6.72"W x 1.38"H (125.0mm x 170.7mm x 34.9mm)	White	1	10
PMR5748WH	Single gang outlet box. Box accepts Pan-Way® Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 3.17"W x 1.75"H (125.0mm x 80.5mm x 44.5mm)	White	1	10
PMR5748-2WH	Double gang outlet box. Box accepts Pan-Way® Faceplates or any standard double gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" and 1" conduit. 4.92"L x 4.92"W x 1.75"H (125.0mm x 125.0mm x 44.5mm)	White	1	10
PMR5748-3WH	Three gang outlet box. Box accepts Pan-Way® Faceplates or any standard three gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 6.72"W x 1.75"H (125.0mm x 170.7mm x 44.5mm)	White	1	10
PMR5744SWH	Single gang intermediate outlet box. Box accepts Pan-Way® Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 3.17"W x 2.25"H (125.0mm x 80.5mm x 57.2mm)	White	1	10
PMR5744S-2WH	Double gang intermediate outlet box. Box accepts Pan-Way® Faceplates or any standard double gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" and 1" conduit. 4.92"L x 4.92"W x 2.25"H (125.0mm x 125.0mm x 57.2mm)	White	1	10

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

Table continues on page C2.16

Pan-Way® Metal Raceway Boxes (continued)

PMR5744S-3

PMR5744

PMR5744-2

PMR5744-3

PMR5738

PMR5738A

PMR5739

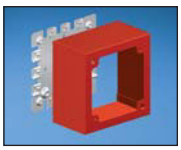
PMR5737

PMR5737A

PMR5739A

PMR5736

PMR5752


PMR5753

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
PMR5744S-3WH	Three gang intermediate outlet box. Box accepts Pan-Way® Faceplates or any standard three gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 6.72"W x 2.25"H (125.0mm x 170.7mm x 57.2mm)	White	1	10
PMR5744WH	Single gang deep outlet box. Box accepts Pan-Way® Faceplates or any NEMA standard single gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 3.17"W x 2.75"H (125.0mm x 80.5mm x 69.9mm)	White	1	10
PMR5744-2WH	Double gang deep outlet box. Box accepts Pan-Way® Faceplates or any standard double gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" and 1" conduit. 4.92"L x 4.92"W x 2.75"H (125.0mm x 80.5mm x 69.9mm)	White	1	10
PMR5744-3WH	Three gang deep outlet box. Box accepts Pan-Way® Faceplates or any standard three gang faceplate. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" conduit. 4.92"L x 6.72"W x 2.75"H (125.0mm x 170.7mm x 69.9mm)	White	1	10
PMR5738WH	Round fixture box with solid base is c-UL-us rated to accept devices up to 50 lbs. For use with Pan-Way® PMR5 or PMR7 Raceway. Base has four 1/2" conduit breakouts. Dia.= 4.77"D x 1.00"H (121.2mm x 25.4mm)	White	1	10
PMR5738AWH	Round fan or fixture box with solid base is c-UL-us rated to accept devices up to 50 lbs. For use with Pan-Way® PMR5 or PMR7 Raceway. Base has four 1/2" conduit breakouts. Dia. = 5.53"D x 1.00"H (140.5mm x 25.4mm)	White	1	10
PMR5739WH	Round fixture box with solid base is c-UL-us rated to accept devices up to 50 lbs. For use with Pan-Way® PMR5 or PMR7 Raceway. Base has four 1/2" conduit breakouts. Dia. = 6.37"D x 1.00"H (161.8mm x 25.4mm)	White	1	10
PMR5737WH	Round extension box with open base is c-UL-us rated to accept devices up to 50 lbs. For use with Pan-Way® PMR5 or PMR7 Raceway. Dia. = 4.76"D x 1.00"H (121.0mm x 25.4mm)	White	1	10
PMR5737AWH	Round extension box with open base is c-UL-us rated to accept devices up to 50 lbs. For use with Pan-Way® PMR5 or PMR7 Raceway. Dia. = 5.53"D x 1.00"H (140.5mm x 25.4mm)	White	1	10
PMR5739AWH	Round extension box with open base is c-UL-us rated to accept devices up to 50 lbs. For use with Pan-Way® PMR5 or PMR7 Raceway. Dia. = 6.37"D x 1.00"H (161.8mm x 25.4mm)	White	1	10
PMR5736WH	Round Blank Faceplate for use with Pan-Way PMR5 or PMR7 Round Outlet Boxes: PMR5737, PMR5737A, PMR5738, PMR5738A, PMR5739 and PMR5739A. Knockout for 1/2" conduit. Dia. = 4.25"D x 0.45"H (108.0mm x 11.5mm).	White	1	50
PMR5752RD	Alarm device box. Box accepts alarm devices and safety signals designed to fit 4" square back boxes. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" and 1" conduit. 4.92"L x 4.92"W x 1.42" H (125.0mm x 125.0mm x 36.1mm) **Available in red only.**	Red	1	10
PMR5753RD	Deep alarm device box. Box accepts alarm devices and safety signals designed to fit 4" square back boxes. For use with Pan-Way® PMR5 or PMR7 Raceway. Breakouts for 1/2" and 1" conduit. 4.92"L x 4.92"W x 2.80"H (125.0mm x 125.0mm x 71.0mm) **Available in red only.**	Red	1	10

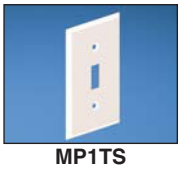
‡For other colors replace WH (White) with AL (Almond).

Pan-Way® Metal Raceway Faceplates

MP1GB

MP1G106

MP1GR


MP1TS

MP2GB

MP2G106

MP2GR

MP2TS

MP2G106B

MP2G106TS

MP2GRB

MP2GRTS

MP2G106R

MP3G106

MP3GR

MP3TS

MP3G1062TS

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
MP1GBWH	Metal single gang blank faceplate.	White	1	10
MP1G106WH	Metal single gang 106 duplex faceplate. Covers one NEMA standard 106 duplex electrical outlet or one standard 106 communication module frame.	White	1	10
MP1GRWH	Metal single gang rectangular faceplate. Covers one NEMA standard rectangular electrical outlet or one standard rectangular communication module frame.	White	1	10
MP1TSWH	Metal single gang toggle switch faceplate. Covers one NEMA standard toggle switch.	White	1	10
MP2GBWH	Metal double gang blank faceplate.	White	1	10
MP2G106WH	Metal double gang 106 duplex faceplate. Covers two NEMA standard 106 duplex electrical outlets or two standard 106 communication module frames.	White	1	10
MP2GRWH	Metal double gang rectangular faceplate. Covers two NEMA standard rectangular electrical outlets or two standard rectangular communication module frames.	White	1	10
MP2TSWH	Metal double gang toggle switch faceplate. Covers two NEMA standard toggle switches.	White	1	10
MP2G106BWH	Metal double gang 106 duplex/blank faceplate. Covers one NEMA standard 106 duplex electrical outlet or standard 106 communication module frame with opposite side blank.	White	1	10
MP2G106TSWH	Metal double gang 106 duplex/toggle switch faceplate. Covers one NEMA standard 106 duplex outlet or standard 106 communication module frame and one NEMA standard toggle switch.	White	1	10
MP2GRBWH	Metal double gang rectangular/blank faceplate. Covers one NEMA standard rectangular electrical outlet or standard rectangular communication module frame with opposite side blank.	White	1	10
MP2GRTSWH	Metal double gang rectangular/toggle switch faceplate. Covers one NEMA standard rectangular electrical outlet or standard rectangular communication module frame and one NEMA standard toggle switch.	White	1	10
MP2G106RWH	Metal double gang 106 duplex/rectangular faceplate. Covers one NEMA standard 106 duplex outlet or standard 106 communication module frame and one NEMA standard rectangular outlet or standard rectangular communication module frame.	White	1	10
MP3G106WH	Metal three gang 106 duplex faceplate. Covers three NEMA standard 106 duplex electrical outlets or three standard 106 communication module frames.	White	1	10
MP3GRWH	Metal three gang rectangular faceplate. Covers three NEMA standard rectangular electrical outlets or three standard rectangular communication module frames.	White	1	10
MP3TSWH	Metal three gang toggle switch faceplate. Covers three NEMA standard toggle switches.	White	1	10
MP3G1062TSWH	Metal three gang 106 duplex/two toggle switch faceplate. Covers one NEMA standard 106 duplex electrical outlet or one standard 106 communication module frame and two NEMA standard toggle switches.	White	1	10

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

A. System Overview
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B2. Cable Accessories
B3. Stainless Steel Ties
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C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
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D2. Power Connectors
D3. Grounding Connectors
E1. Labeling Systems
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Permanent Identification
E5. Lockout/ Tagout & Safety Solutions
F. Index

Pan-Way® Non-Metallic Surface Raceway

Pan-Way® Non-Metallic Surface Raceways provide maximum flexibility for routing, protecting, concealing and terminating high performance copper, voice, video, fiber optic and power cabling. Panduit surface raceways are designed with attention to function and aesthetics to blend with any décor. Panduit surface raceway systems include transition fittings that facilitate seamless integration of one Panduit surface raceway system to another. Panduit Surface Raceway Systems work with all Panduit ® Mini-Com® Modules for complete connectivity possibilities.

- Aesthetically pleasing
- Lightweight
- Tamper resistant
- Bend radius control
- Resists dents and conceals scratches and chips
- Ease of modifications and additions
- Lowest installed cost

Panduit surface raceway provides a variety of choices when selecting data and electrical terminations. All Panduit surface raceways include a full complement of fittings that are designed to maintain the proper bend radius control required for high performance copper and fiber optic cabling systems. All of the raceways accept either NEMA 70mm standard screw-on faceplates or superior Pan-Way® Snap-On Faceplates. Panduit surface raceway systems work with all Panduit ® Mini-Com® Modules, for complete connectivity possibilities.