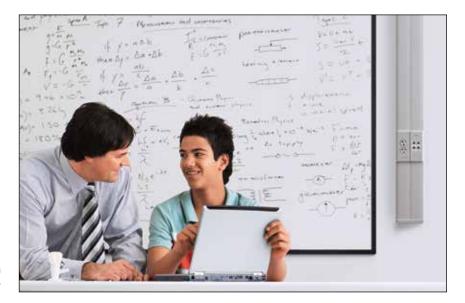
La legrand[®]

WIREMOLD[®] Nonmetallic Raceway

Nonmetallic Raceway with Twin Snap Cover System Available Factory Prewired

5400 Series[™] Raceway provides wire and cable management for data, voice, video, and power applications. For school and office applications, this is an ideal solution for providing flexibility and accessibility of wire and cable.

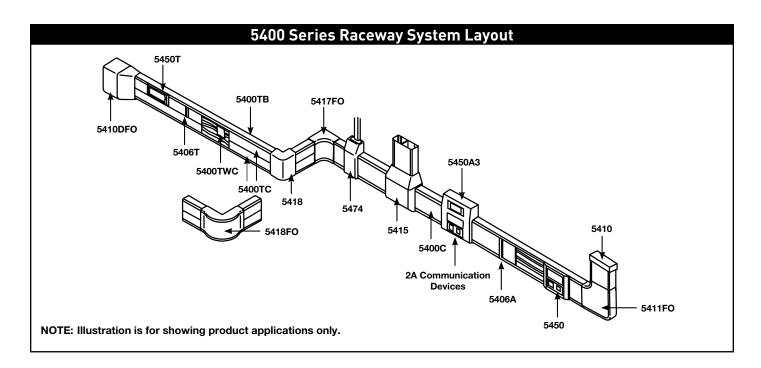


5400 Series Raceway with Twin Snap Cover System.

FEATURES & BENEFITS

- Large cable capacity in a low profile design. Accommodates needs now and in the future.
- Twin Snap cover. Complete segregation of access to power and low voltage services for installation flexibility.
- Corner drop feed. Provides solution for feeding horizontal runs of raceway.
- 2" (51mm) bend radius compliant fittings. These fittings snap onto overlapping raceway base and cover for an aesthetic installation. Fittings are UL verified for a 2" (51mm) bend radius and exceed the recommendations of TIA/ EIA 569-A. They provide cable protection in lay-in and pull through ashla installations.
 - cable installations.
- 5400TB available prewired. Manufactured to specified job site lengths, raceway comes completely prewired, ready to install. Jobs can be packaged by area, floor, or building and shipped per job site requirements.
- Electrical device identification for prewired jobs. Eliminates guesswork and circuit tracing to speed additions and renovations.

- A/V compatible. 5507 Series Faceplates provide A/V compatibility for 5400 Series Raceway installations.
- Pre-punched mounting holes. Faster and easier raceway installation.
- Device mounting in-line, offset or both. Offers flexibility and up to three separate services at the same location.
- Made of PVC material. Lightweight and easy to cut. Meets UL flammability requirements. UL Listed for up to 600V.
- Ivory and white finishes. Blend with any decor. Custom colors available. Consult factory for more information. Paintable using latex paint.
- Communication connectivity options. Accepts industry standard and proprietary devices from a wide range of manufacturers to provide a seamless and aesthetically pleasing interface for voice, data, audio, and video applications at the point of use.
- UL and cUL Listed component raceways. File E90378 Guide RJTX, Fittings: File E90377 Guide RJYT. Meets Article 388 of NEC and meets Section 12-600 of CEC.



5400T Series Raceway & MXN Series Raceway Wire Fill Capacity Charts

5400TB Series Raceway Wire Fill Capacities for Power					
	WIRE SIZE CABLE/WIRE SIZE	O.D. (App Inches	orox. Dia.) (mm)	NO. OF CO COMP. A	NDUCTORS COMP. B*
POWER WIRING	14 AWG	0.111	(2.8)	50	50
WITHOUT DEVICES	12 AWG	0.130	(3.3)	34	34
	10 AWG	0.164	(4.2)	60	60
	8 AWG	0.216	(5.5)	21	21
	6 AWG	0.254	(6.5)	19	19
POWER WIRING	14 AWG	0.111	(2.8)	50	50
WITH DEVICES	12 AWG	0.130	(3.3)	34	34
	10 AWG	0.164	(4.2)	60	60
	8 AWG	0.216	(5.5)	21	21
	6 AWG	0.254	(6.5)	19	19

* Total raceway capacity not to exceed capacity specified in Compartment B.

5400TB Series Raceway Wire Fill Capacities for Communications					
	CABLE/WIRE SIZE	O.D. (Approx. Dia.) Inches (mm)		COMP. A 40% FILL*	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG Cat 3 4-pair, 24 AWG Cat 5e 4-pair, 24 AWG Cat 6 4-pair, 24 AWG Cat 6a** 25-pair, 24 AWG	0.190 0.210 0.250 0.250 0.250	(4.8) (5.3) (6.3) (6.3) (6.3)	52 42 30 15 11	
COAXIAL	RG6/U	0.270	(6.9)	26	
FIBER	ZipCord Round 4-Strand Fiber Round 6-Strand Fiber	0.118 x 0.236 0.187 0.256	(3 x 6) (4.8) (6.5)	53 54 28	

* Wire fill capacity is reduced to allow for proper conductor bend radius and maximum permissible heat rise.

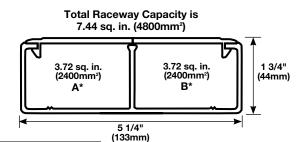
Category 6 augmented (6a) cable for 10 gigabit Ethernet – maximum allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.



Download this product's PEP ecopasport_® environmental product declaration at www.legrand.us/resources-and-downloads. This declaration conforms with ISO 14025 and 14040 and is in alignment with EN 15804.

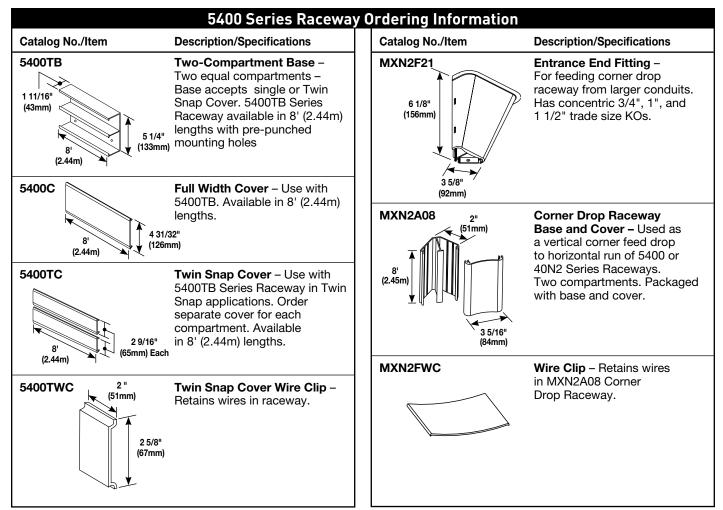
5400T Series Raceway & MXN Series Raceway Wire Fill Capacity Charts (continued)

MXN Series Raceway Wire Fill Capacities for Power				
WIRE SIZE	O.D. (App	orox. Dia.)	NO. OF CONDUCTORS	
CABLE/WIRE SIZE	Inches	(mm)	EACH COMPARTMENT	
14 AWG	0.111	(2.8)	16	
12 AWG	0.130	(3.3)	14	
10 AWG	0.164	(4.2)	14	
8 AWG	0.216	(5.5)	15	

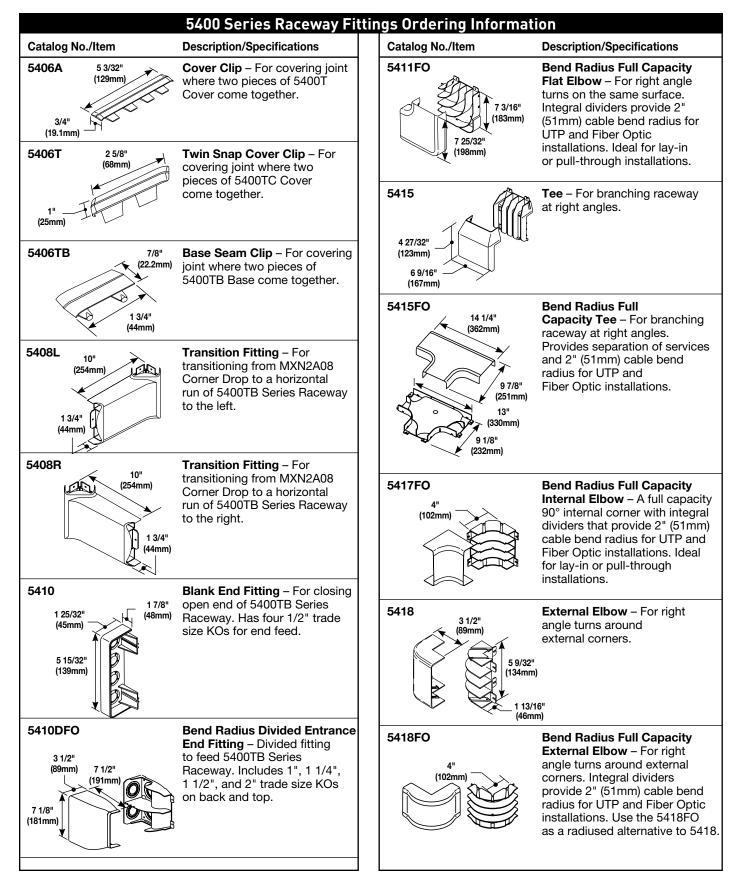


MXN Series Raceway Wire Fill Capacities for Communications				
	CABLE/WIRE SIZE	O.D. (Appro Inches	ox. Dia.) (mm)	EA. COMPARTMENT 40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG Cat 3 4-pair, 24 AWG Cat 5e 4-pair, 24 AWG Cat 6 4-pair, 24 AWG Cat 6 4-pair, 24 AWG Cat 6a* 25-pair, 24 AWG	0.190 0.210 0.250 0.250 0.250	(4.8) (5.3) (6.3) (6.3) (6.3)	19 16 11 5 4
COAXIAL	RG6/U	0.270	(6.9)	9
FIBER	ZipCord Round 4-Strand Fiber Round 6-Strand Fiber	0.118 x 0.236 0.187 0.256	(3 x 6) (4.8) (6.5)	20 20 10

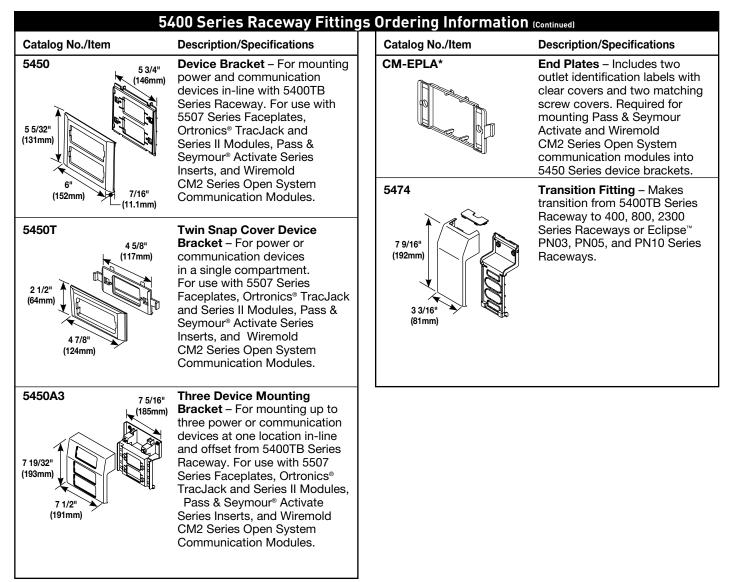
NOTE: Wire fill capacity is reduced to allow for proper conductor bend radius and maximum permissible heat rise. * Category 6 augmented (6a) cable for 10 gigabit Ethernet – maximum allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.



NOTE: No suffix denotes Ivory finish. Add "-WH" suffix for White finish.



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* CM-EPLA End Plates are required when using Wiremold CM2 Series Open System communication modules and Pass & Seymour® Activate inserts. S2-EPL End Plates are required when using Ortronics Series II inserts. To mount Ortronics TracJack inserts, use 5507-4TJ or 5507-6TJ Faceplates.

TRANSITION FITTINGS TO EXISTING WIRING OR OTHER WIREMOLD RACEWAYS				
CONNECTION REQUIRED FROM TO CATALOG NUMBE				
5400TB	400, 800, 2300	5474		
5400TB	PN03, PN05, PN10	5474		
5400TB	MXN2A08	5408L/5408R		
1/2" Trade size Conduit or Armored Cable	Side of 5400	5410 or 5410DFO		
3/4", 1", 1 1/2" & 2" Trade size Conduit or Armored Cable	Back or Side of 5400TB	5410DFO		



Ideal for offices and classrooms.

	5507 Series Faceplates	Orderin	g Informatio	on
No./Item	Description/Specifications	Catalog I	No./Item	Description/Specifications
e e e e e e e e e e e e e e e e e e e	Modular Furniture Adapter – For mounting modular furniture adapters.	5507-4TJ		Ortronics® Faceplate – For mounting Ortronics® communication inserts. Accepts four TracJack Devices.
	Blank Faceplate – For covering unused compartments in the device bracket.	5507-6TJ		Ortronics® Faceplate – For mounting Ortronics® communicatior inserts. Accepts six TracJack Devices.
	Duplex Faceplate – For covering duplex style devices. Accepts 106 Frame.	5507MAA	AP	Extron® MAAP Faceplate – Accepts four Extron® Electronics MAAP single space modules.
0	Rectangular Faceplate – For covering rectangular style devices.			
	Rectangular Spacer – For mounting commercial device plates. Installs between the device bracket and a device.	5507AAP		Extron® AAP Faceplate – Accepts two Extron® Electronics AAP single space modules.
	Switch Faceplate – For covering standard toggle switches.	CM-ARA		Angled Raceway Adapter – Includes two outlet identification labels with clear covers and two matching screw covers. Provides angled exit in multi-channel raceway systems and WallSource [™] Boxes.
	Single Receptacle Faceplate – For covering single receptacles – 1.59" (40mm) diameter.		<u>I</u>	Accepts two Pass & Seymour® Activate 2A size modules or two Wiremold CM2 Series open System communication modules. Snaps into standard device mounting brackets. Fits 5507 Series Faceplate opening.
° 0°	Single Receptacle Faceplate – For covering single receptacles – 1.41" (36mm) diameter.	S2-EPL		End Plate – For mounting Ortronics Series II modules into 5507 opening Includes two outlet identification
	Dual RJ11RJ45 Connector Faceplate – For mounting one or two RJ keystone type connectors – has one opening and a KO for the other			labels with clear covers and two matching screw covers.
	Flush Dual RJ11/RJ45 Connector Faceplate – Same as 5507RJ except the connectors are recessed to provide a flush installation.	ARA-S2		Angled Raceway Adapter – For use with multi-channel raceway device brackets and WallSource device mounting brackets. Angled exit provides additional mounting depth required for A/V connections, as well as ensuring the required bend radius for UTP and fiber optic cabling. Holds two Ortronics®
		No./Item Description/Specifications Image: No./Item Modular Furniture Adapter – For mounting modular furniture adapters. Image: No./Item Blank Faceplate – For covering unused compartments in the device bracket. Image: No./Item Duplex Faceplate – For covering duplex style devices. Accepts 106 Frame. Image: No./Item Rectangular Faceplate – For covering rectangular style devices. Image: No./Item Rectangular Spacer – For mounting commercial device plates. Installs between the device bracket and a device. Image: No./Item Switch Faceplate – For covering standard toggle switches. Image: No./Item Single Receptacle Faceplate – For covering single receptacles – 1.59" (40mm) diameter. Image: No./Item Dual RJ11RJ45 Connector Faceplate – For mounting one or two RJ keystone type connectors – has one opening and a KO for the other. Image: No./Item Flush Dual RJ11/RJ45 Connector Faceplate – Same as 550/RJ except the connectors are recessed to provide a	No./Item Description/Specifications Catalog I Modular Furniture Adapter – For mounting modular furniture adapters. 5507-4TJ Image: Solution of the interval of the int	Modular Furniture Adapter - For mounting modular furniture adapters. 5507-4TJ Image: Source of the construction of the constru

	5400 Series Raceway Prew	vired Features
Features	Standard	Options
Communication Devices	Ortronics or Pass & Seymour Activate™Connectivity System Devices	Other manufacturers
Electrical Devices	Pass & Seymour	Other manufacturers and some international devices
Base Length	Longest = 8' (2.4m), shortest = 1' (305mm)	-
Finish	PVC – White or Ivory	Custom colors
Wire Type	THHN Stranded	Options per specification
Wiring Splices	Insulation displacement connectors	Continuous wiring or twist-on wire connector
Grounding Conductors	Wire gauge per National Electrical Code (NEC) and shared grounding wires	Oversized and/or separate grounding wires
Device Identification	Gray self-adhesive polyester label with black letters	Self-adhesive engraved nameplate
Neutrals	Shared neutral	Oversized and/or separate neutral wires
Pigtails	1' (305mm) feeds and receptacle leads	Per specification
Conduit Feeds	Raceway drilled at job site	Entrance end cap
Record Drawings	3 sets and 2 copies of marked-up blueprints	Per job requirements
Submittal Services	Detailed Submittal	Submittal Free

Device and Raceway Labeling Detail for Prewired Applications

Device labeling is available in the following materials:

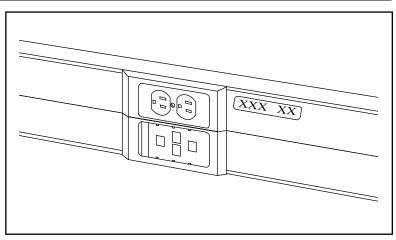
Gray self-adhesive polyester label with black lettering (standard).

Other color self-adhesive polyester labels.

Engraving of covers with black lettering.

Engraved phenolic nameplates with adhesive backing.

- The back of the raceway is labeled with the raceway number and the room or area number(s).
- Data and power requirements can be switched with data on top and power on bottom.



5400 Series Raceway Ordering Specifications for Prewired Applications

Two options available when ordering a prewired job:

- **1. Detailed Submittal** The detailed submittal will show exactly how each raceway run will be built including lengths, number and type of receptacles, wiring schematics, circuiting information, etc. The contractor and/or distributor must review, clarify any information not clearly indicated on the drawings or specs, approve, and return to the factory before production can begin.
- **2. Submittal Free** The Wiremold Prewired Express[™] Building Plan Checklist is filled out by the contractor or distributor and sent along with plans, casework, and specs to the factory. No submittal is required and the project is scheduled for production upon receipt of all necessary information.

NOTES

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