

# 5400 SERIES™ RACEWAY

Large Capacity, Multiple Channel



Large capacity, multiple channel raceway. Lightweight and easy-to-cut. Ideal for power or communication installations that require multiple services.



**PEP  
ECO  
PASS  
PORT®**

Download this product's PEP ecospasport, environmental product declaration at [www.legrand.us/resources-and-downloads](http://www.legrand.us/resources-and-downloads). This declaration conforms with ISO 14025 and 14040 and is in alignment with EN 15804.

## CODE REFERENCE

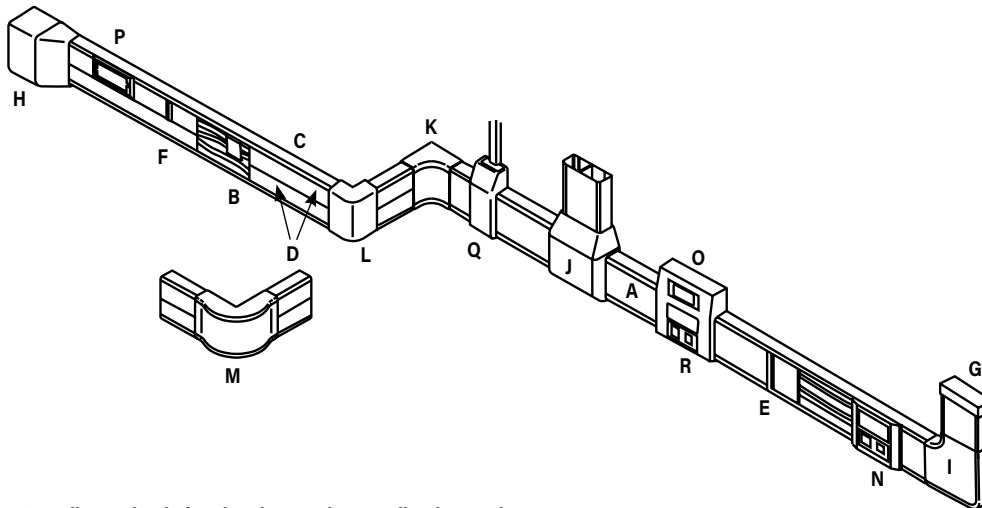
**Listed Raceway:**

File E90378 Guide RJTX.  
Complies with flammability requirements of UL-5A.

**Fittings:** File E90377 Guide RJYT.

Meets Article 388 of NEC.  
UL Listed for up to 600V.  
Meets Section 12-1600 of CEC.

## 5400 Series Raceway System Layout

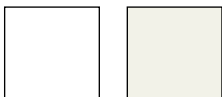


**NOTE:** Illustration is for showing product applications only.

### KEY

- |                                 |                                   |                                   |
|---------------------------------|-----------------------------------|-----------------------------------|
| A. 5400C Raceway Cover          | G. 5410 Entrance End Fitting      | M. 5418FO Radiused External Elbow |
| B. 5400TWC Twin Cover Wire Clip | H. 5410DFO Entrance End Feed      | N. 5450 In-Line Device Bracket    |
| C. 5400TB Two Compartment Base  | I. 5411FO Flat Elbow              | O. 5450A3 Multiple Device Bracket |
| D. 5400TC Twin Snap Cover       | J. 5415 Tee                       | P. 5450T Twin Snap Device Bracket |
| E. 5406A Cover Clip             | K. 5417FO Radiused Internal Elbow | Q. 5474 Transition Fitting        |
| F. 5406T Twin Cover Seam Clip   | L. 5418 Standard External Elbow   | R. Communication Device           |

### COLOR OPTIONS



5400 Series™ Raceway Part Numbers with a "-WH" suffix have a white finish. Part Numbers without a suffix are only available in an ivory finish. 5400 Series Raceway is paintable using latex paint or stain.

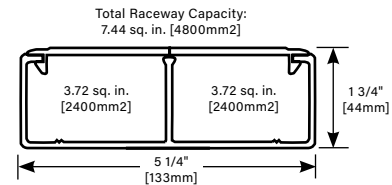
**Custom color options are also available. Consult the factory for more information.**

# 5400 SERIES™ RACEWAY

## Ordering Information

### 5400 Series Raceway Wire Fill Capacities for Communications

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		SECTION EACH COMPARTMENT 40% FILL*
		Inches	[ ]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	52
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	42
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	30
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	15
	25-pair, 24 AWG	0.410	[10.4]	11
COAXIAL	RG6/U	0.270	[6.9]	26
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	53
	Round 4 Strand Fiber	0.187	[4.8]	54
	Round 6 Strand Fiber	0.256	[6.5]	28



**NOTE: For additional information, refer to the Technical Section.**

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

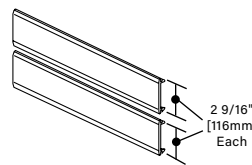
\*\* Category 6 augmented (6a) cable for 10 gigabit ethernet - max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

### 5400 Series Raceway Wire Fill Capacities for Power

	WIRE SIZE THHN/THWN	O.D. (Approx. Dia.)		NUMBER OF CONDUCTORS EACH COMPARTMENT
		Inches	[ ]	
POWER WIRING WITHOUT DEVICES	14 AWG	0.111	[2.8]	50
	12 AWG	0.130	[3.3]	34
	10 AWG	0.164	[4.2]	60
	8 AWG	0.216	[5.5]	21
	6 AWG	0.254	[6.5]	19
POWER WIRING WITH DEVICES	14 AWG	0.111	[2.8]	50
	12 AWG	0.130	[3.3]	34
	10 AWG	0.164	[4.2]	60
	8 AWG	0.216	[5.5]	21
	6 AWG	0.254	[6.5]	19

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

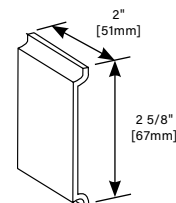
#### Twin Snap Raceway Cover



**PART NUMBERS:**  
**5400TC** (Ivory)  
**5400TC-WH** (White)

Use with 5400 Series Raceway in Twin Snap applications. Order cover for each compartment. Available in 8' [2.4m] lengths.

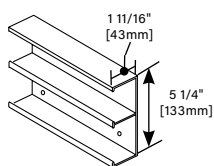
#### Twin Snap Cover Wire Clip



**PART NUMBERS:**  
**5400TWC** (Ivory)  
**5400TWC-WH** (White)

Retains wires in raceway.

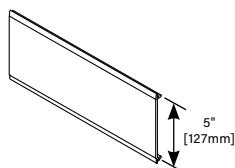
#### Two-Compartment Raceway Base



**PART NUMBERS:**  
**5400TB** (Ivory)  
**5400TB-WH** (White)

Two equal compartments - Base accepts single or Twin Snap Cover. 5400 Series raceway is available in 8' [2.4m] lengths with pre-punched mounting holes, packed 48' [14.6m] per carton.

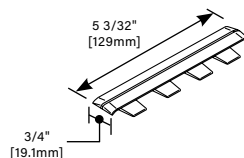
#### Full-Width Raceway Cover



**PART NUMBERS:**  
**5400C** (Ivory)  
**5400C-WH** (White)

Use with 5400 Series Raceway. Available in 8' [2.4m] lengths, packed 48' [14.6m] per carton.

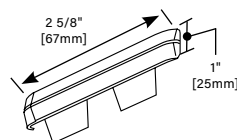
#### Cover Clip



**PART NUMBERS:**  
**5406A** (Ivory)  
**5406A-WH** (White)

For covering joint where two pieces of 5400C Raceway Cover come together.

#### Twin Cover Clip



**PART NUMBERS:**  
**5406T** (Ivory)  
**5406T-WH** (White)

For covering joint where two pieces of 5400TC Cover come together.