

WIREMOLD® Steel Raceway

Single-Channel, One-Piece Steel Surface Raceway

500[®] and 700[®] Series Raceway is ideal for surface mounting small amounts of electrical wiring or communication cables. These rugged raceways offer a low profile appearance which blend with any decor. 500[®] and 700[®] Series Raceway all come with our exclusive ScuffCoat[™] finish for increased durability and scratch-resistance.



500 and 700 Series Raceway profiles.

500 Series Raceway and components used in a ceiling fan installation.



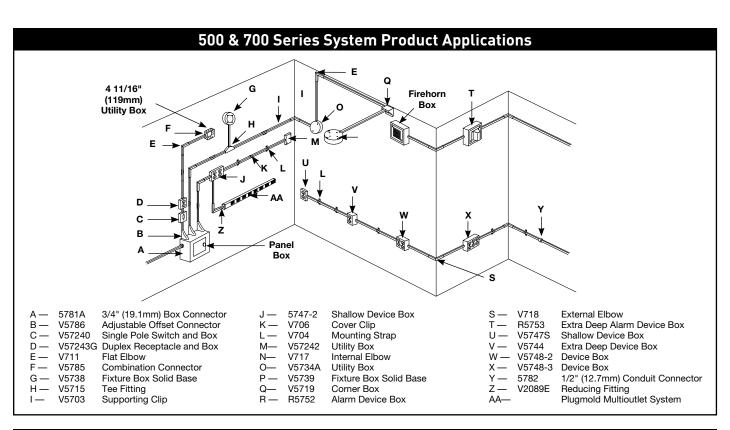
FEATURES & BENEFITS

- Low-profile, unobtrusive appearance. Blends with any decor or setting. Excellent for low-voltage wiring.
- ScuffCoat finish. Tough, durable, scratch-resistant finish which can be overpainted with latex paint.
- Surface mounting. Eliminates disturbing the building structure or wall finish to make renovations easy.
- V5748-3 Device Box accommodates wireless. Designed for use with Ortronics[®] Wi-Jack[™] Wireless Access Points.
- Full line of fittings. Provides unlimited wiring solutions and interconnection between raceway systems.
- More choice of colors. 700 Series Raceway and Fittings are available in ivory and white.

- **Fittings have removable covers.** Allows easy access to wiring for changes and additions.
- Raceway cutters with replaceable blades. Cuts raceway cleanly, reduces labor, and installation time.
- Datacom 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.
- UL5 and ADA compliant. Raceway and fittings meet UL5 specifications and can be installed in conformance with ADA requirements.
- UL and cUL Listed component raceways. File E4376 Guide RJBT, Fittings: File E41751 Guide RJPR. Meets Article 386 of NEC and meets Section 12-600 of CEC.



Typical applications for 500 & 700 Series Raceway.



V500 & V700 Series Wire Fill Capacity Charts

V500/V700 Series Raceway Wire Fill Capacities for Power							
WIRE SIZE O.D. THHN/THWN inches (mm)		NUMBER OF CONDUCTORS 40% FILL V500 SERIES V700 SERIES					
14 AWG	0.111	(2.8)	7	10			
12 AWG	0.130	(3.3)	5	7			
10 AWG	0.164	(4.2)	3	4			

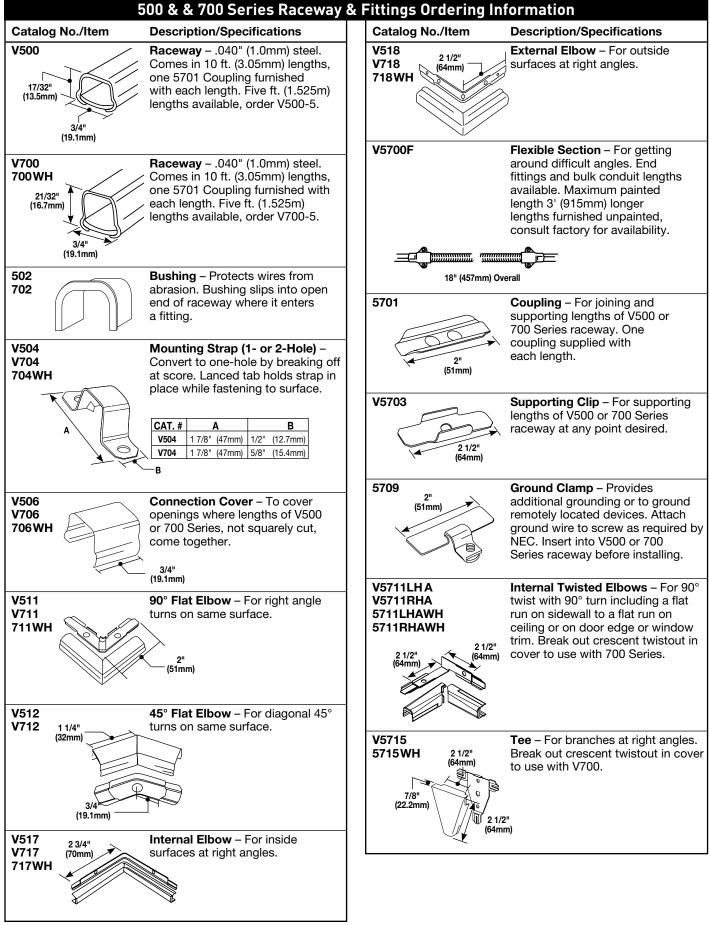
V500/V700 Series Raceway Wire Fill Capacities for Communications								
	CABLE/WIRE SIZE	O.D. inches (mm)		V500 SERIES 20% FILL* 40% FILL**		V700 SERIES 20% FILL* 40% FILL**		
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3 4-pair, 24 AWG, Cat 5e 4-pair, 24 AWG, Cat 6	0.190 0.210 0.250	(4.8) (5.3) (6.3)	1 1 0	2 2 1	1 1 1	3 3 2	
TELEPHONE	2-pair, 24 AWG 3-pair, 24 AWG 4-pair, 24 AWG 25-pair, 24 AWG	0.140 0.150 0.190 0.410	(3.6) (3.8) (4.8) (10.4)	2 2 1 0	4 4 2 0	3 2 1 0	6 5 3 0	
COAXIAL	RG58/U RG59/U RG62/U RG6/U	0.195 0.242 0.242 0.270	(5.0) (6.1) (6.1) (6.9)	1 0 0 0	2 1 1 1	1 1 1 0	3 2 2 1	
TWINAXIAL	100 Ohm	0.330	(8.4)	0	0	0	1	
SHIELDED TWISTED PAIR	TYPE 1 TYPE 2 TYPE 3	0.390 0.465 0.245	(9.9) (11.8) (6.2)	0 0 0	0 0 1	0 0 0	0 0 1	
FIBER	Mini ZipCord ZipCord Round 4 Strand Fiber Round 6 Strand Fiber	0.079 x 0.157 0.118 x 0.236 0.187 0.256	(2 x 4) (3 x 6) (4.8) (6.5)	3 1 1 0	6 2 2 1	4 1 1 1	8 3 3 2	

* 20% cable fill is calculated to approximate reduction in cable capacity due to connectors mounted within raceway and fittings that may restrict cross sectional area.

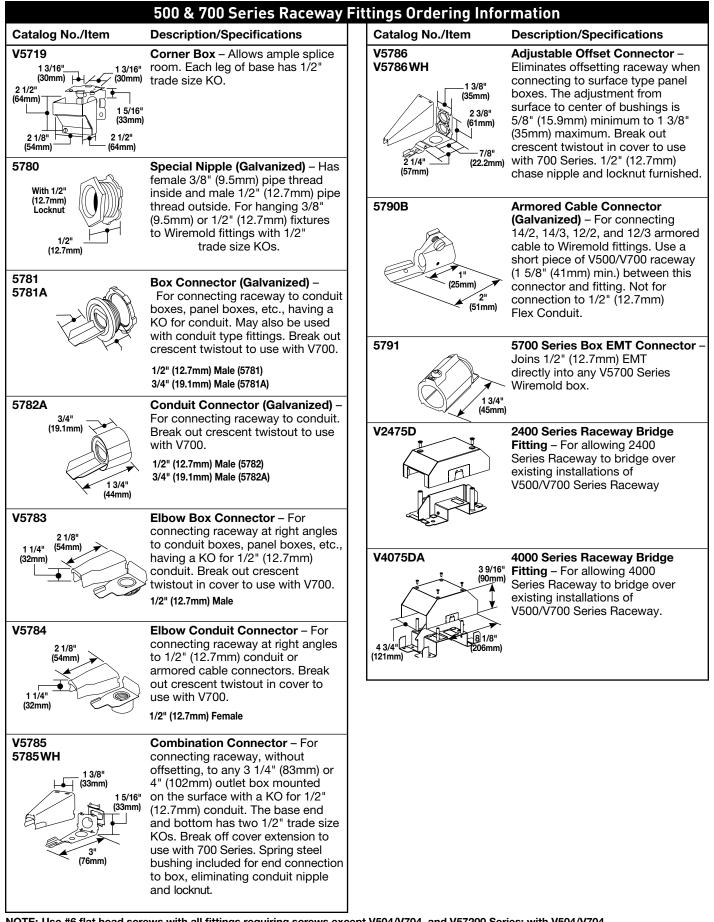
** 40% cable fill is the maximum designed cable fill based on a proposed revision to TIA/EIA 569-A.



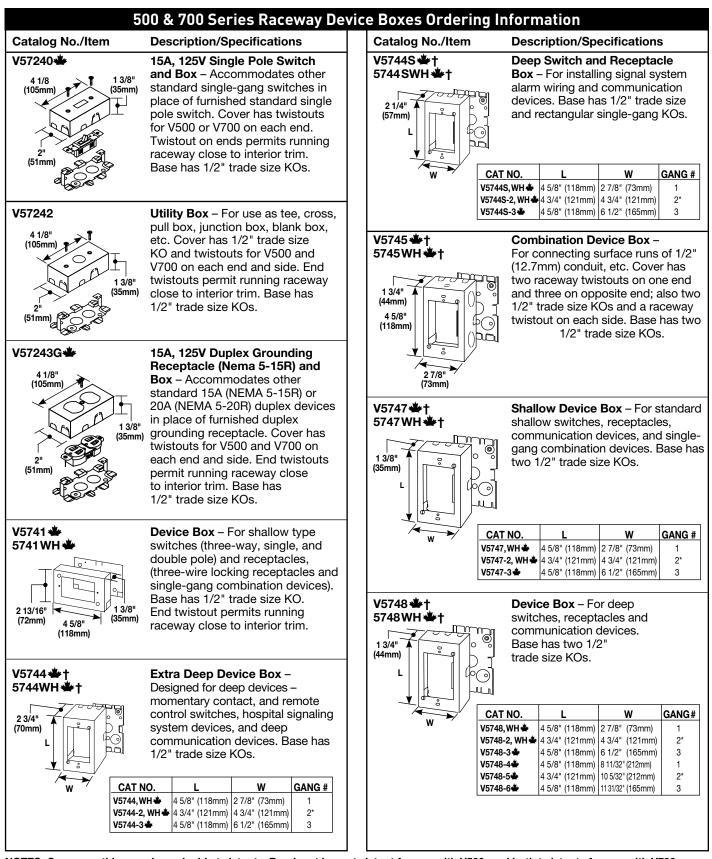
Download this product's PEP ecopasport_® environmental product declaration at www.legrand.us/resources-and-downloads. This declaration conforms with ISO 14025 and 14040 and is in alignment with EN 15804.



NOTE: Use #6 flat head screws with all fittings requiring screws except V504/V704, and V57200 Series; with V504/V704 use #8 pan head screws; with V57200 Series use #8 flat head screws.

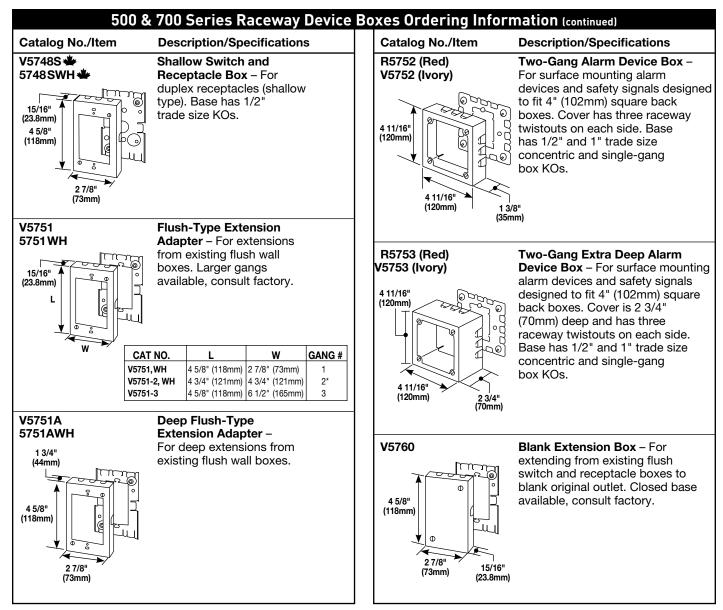


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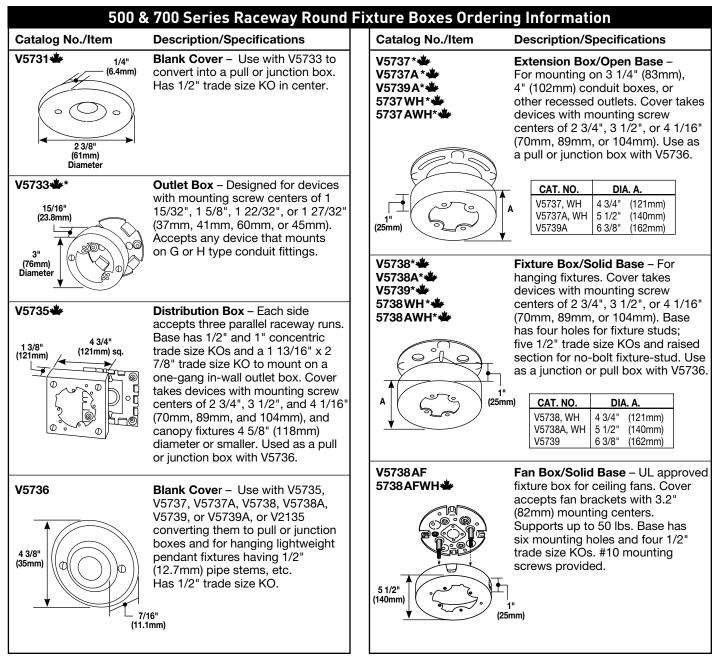


NOTES: Covers on this page have double twistouts. Break out lower twistout for use with V500, and both twistouts for use with V700. * V5744-2 and V5744S-2 Base and V5747-2 and V5748-2 Base have 1/2" and 1" concentric trade size KOs and a 1 13/16" x 2 7/8" (47mm x 73mm) rectangular KO to permit mounting on a one-gang in-wall outlet box.

- ✤ Replace V with VC or WH with WHC to denote Canadian version Agency approved for sale in Canada.
- † Larger gangs available, consult factory.



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NOTE: Covers have double twistouts; Lower twistout for V500, and both twistouts for V700.

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* These boxes are not designed to support ceiling fans. For fan applications, use V5738AF.

500 & 700 Series Raceway Tools Ordering Information						
Catalog No./Item	Description/Specifications		Catalog No./Item	Description/Specifications		
605 607	V500 Raceway Cutter 700 Series Raceway Cutter – Single action portable cutter.		5700LL	Laser Level for 500/700 Series Raceway – Attaches to outlet box base and raceway fittings for perfect alignment of runs of racewy.		
605K 607K	Replacement blade for 605 and 607 cutters – Replacement case- hardened steel blades cut clean and square.		5700CG	Cutting Guide for 500/700 Series Raceway – Attaches to step ladder and holds raceway channel securely for accurate cuts.		

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Electrical Wiring Systems

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