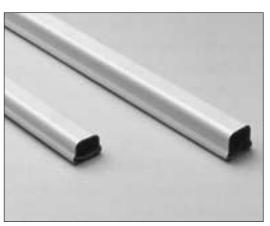
WIREMOLD

V500[®]/V700[®]/700WH Steel Raceway

One-Piece Surface Steel Raceway



deal for surface mounting small amounts of electrical wiring or communication cables. These rugged raceways offer a low profile appearance which blend with any decor. V500, V700, and 700WH come in our exclusive ScuffCoat[™] finish.



V500 and V700.



5700 Series boxes with Pass & Seymour Activate inserts.

Features & Benefits

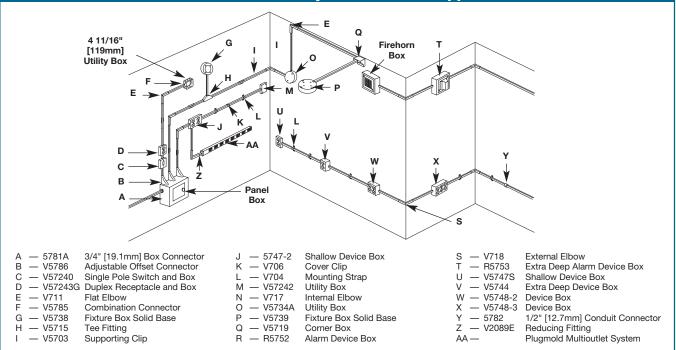
- Low-profile, unobtrusive appearance. Blends with any decor or setting. Excellent for low-voltage wiring.
- ScuffCoat finish. Tough, durable, scratch-resistant finish which can be overpainted with latex paint.
- Surface mounting. Eliminates disturbing the building structure or wall finish to make renovations easy.



- V5748-3Device 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.

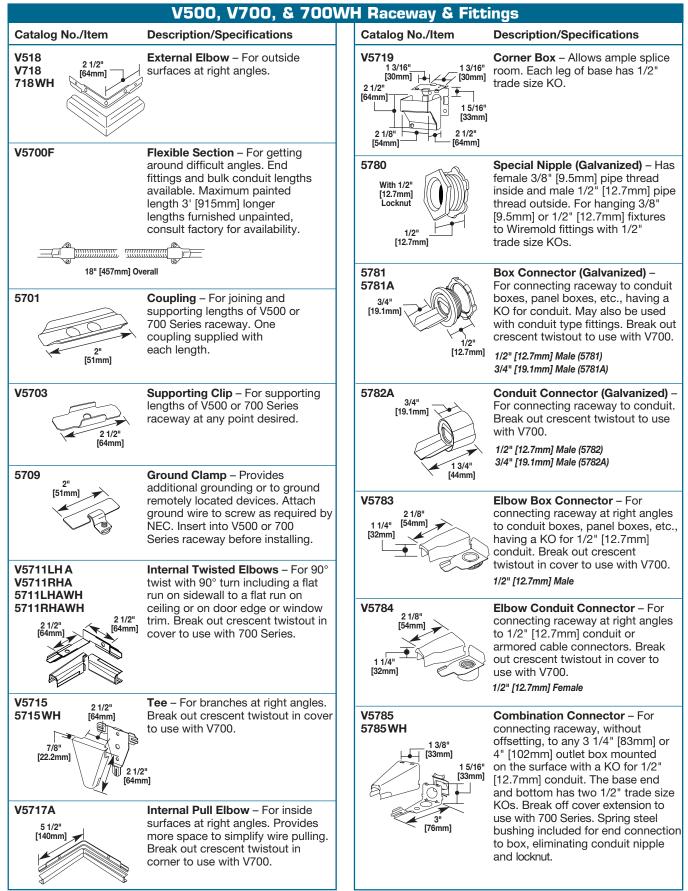
- **Fittings have removable covers.** Allows easy access to wiring for changes and additions.
- Raceway cutters with replaceable blades. Cuts raceway cleanly, reduces labor, and installation time.
- Datacom connectivity options. Accepts industry standard and proprietary devices from a wide range of manufacturers 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.

V500 & 700 Series System Product Applications

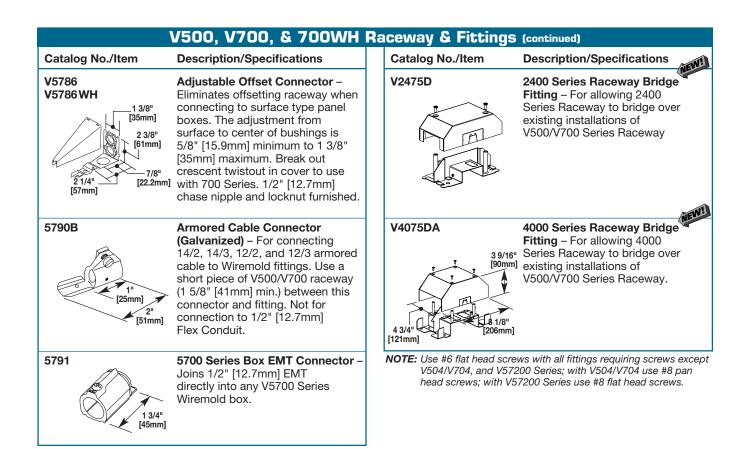


• • • • •	V500, V700, & 700W		
Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
V500 17/32" [13.5mm] 3/4"	Raceway – .040" [1.0mm] steel. Comes in 10 ft. [3.05mm] lengths, one 5701 Coupling furnished with each length. Five ft. [1.525m] lengths available, order V500-5.	V506 V706 706 WH	Connection Cover – To cover openings where lengths of V500 or 700 Series, not squarely cut, come together.
[19.1mm]		V511	90° Flat Elbow – For right angle
V700 700 WH 21/32" [16.7mm] 3/4"	Raceway – .040" [1.0mm] steel. Comes in 10 ft. [3.05mm] lengths, one 5701 Coupling furnished with each length. Five ft. [1.525m] lengths available, order V700-5.	V711 711WH	turns on same surface.
[19.1mm]		V512	45° Flat Elbow – For diagonal 45
502 702	Bushing – Protects wires from abrasion. Bushing slips into open end of raceway where it enters a fitting.	V712 11/4" [32mm]	turns on same surface.
V504	Mounting Strap (1- or 2-Hole) –	3/4" [19.1mm]	
V704 704WH	Convert to one-hole by breaking off at score. Lanced tab holds strap in place while fastening to surface. CAT. # A B V504 17/8" [47mm] 1/2" [12.7mm] V704 17/8" [47mm] 5/8" [15.4mm]	V517 V717 2 3/4" 717WH [70mm]	Internal Elbow – For inside surfaces at right angles.

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.



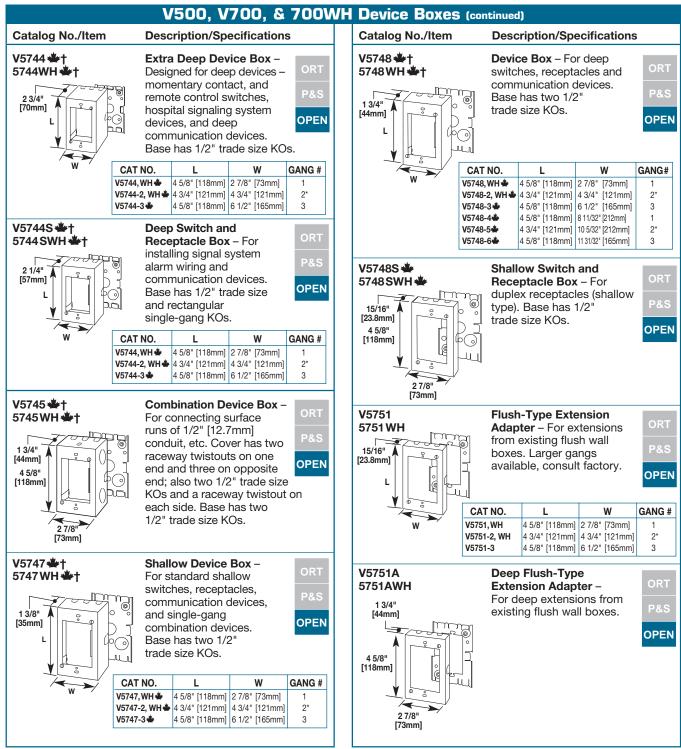
NOTE: Use #6 flat head screws with all fittings requiring screws except V504/V704, and V57200 Series; with V504/V704 use #8 pan head screws; with V57200 Series use #8 flat head screws.



	V500, V700, & 7	00	WH Device Boxe	5	
Catalog No./Item	Description/Specifications		Catalog No./Item	Description/Specifications	
V57240	15A, 125V Single Pole Switch and Box – Accommodates other standard single-gang switches in place of furnished standard single pole switch. Cover has twistouts for V500 or V700 on each end. Twistout on ends permits running raceway close to interior trim. Base has 1/2" trade size KOs.		V57243G 4 1/8" [105mm] 1 3/8" [35mm] 2" [51mm]	15A, 125V Duplex Grounding Receptacle (Nema 5-15R) and Box – Accommodates other standard 15A (NEMA 5-15R) or 20A (NEMA 5-20R) duplex devices in place of furnished duplex grounding receptacle. Cover has twistouts for V500 and V700 on each end and side. End twistouts permit running raceway close to interior trim. Base has	
V57242 4 1/8" [105mm] 2" [51mm] 0 0 0 1 3/8" [35mm] 0 0 0 0 0 0 0 0 0 0 0 0 0	Utility Box – For use as tee, cross, pull box, junction box, blank box, etc. Cover has 1/2" trade size KO and twistouts for V500 and V700 on each end and side. End twistouts permit running raceway close to interior trim. Base has 1/2" trade size KOs.	ox, nd /ay		V5741 * 5741 WH * 2 13/16" [72mm] 4 5/8" [118mm]	1/2" trade size KOs. Device Box – For shallow type switches (three-way, single, and double pole) and receptacles, (three-wire locking receptacles and single-gang combination devices). Base has 1/2" trade size KO. End twistout permits running raceway close to interior trim.

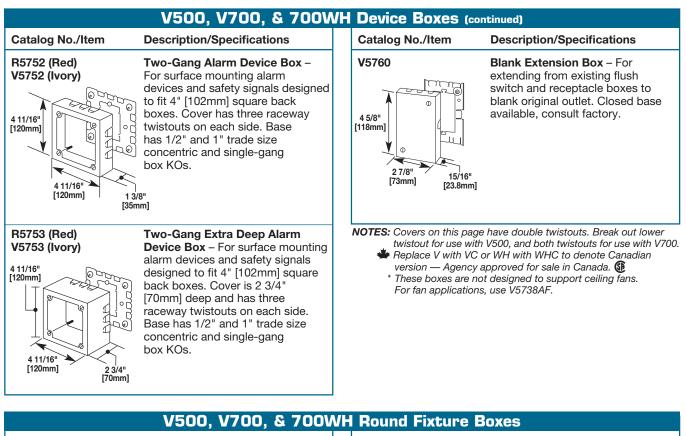
NOTES: Covers on this page have double twistouts. Break out lower twistout for use with V500, and both twistouts for use with V700. * V5744-2 and V5744S-2 Base and V5747-2 and V5748-2 Base have 1/2" and 1" concentric trade size KOs and a 1 13/16" x 2 7/8" [47mm x 73mm] rectangular KO to permit mounting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



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.

- Programmer Annual Control of the permit mounting on a one-gaing in-wail outlet box.
 Replace V with VC or WH with WHC to denote Canadian version Agency approved for sale in Canada. (I)
- Larger gangs available, consult factory.



Catalog No./Item	Description/Specifications	Cat	alog No./Item	Description/Specifications
V5731 ★ 1/4" [6.4mm] [6.4mm] [61mm] Diameter	Blank Cover – Use with V5733 to convert into a pull or junction box. Has 1/2" trade size KO in center.	V57 4 3/: [35m	Bu	Blank Cover – Use with V5735, V5737, V5737A, V5738, V5738A, V5739, or V5739A, or V2135 converting them to pull or junction boxes and for hanging lightweight pendant fixtures having 1/2" [12.7mm] pipe stems, etc. Has 1/2" trade size KO.
15/16" [23.8mm] 3" [76mm] Diameter	Outlet Box – Designed for devices with mounting screw centers of 1 15/32", 1 5/8", 1 22/32", or 1 27/32" [37mm, 41mm, 60mm, or 45mm]. Accepts any device that mounts on G or H type conduit fittings.	V57 V57 573	7*₩ 37A *₩ 39A*₩ 7 WH *₩ 7 AWH*₩	Extension Box/Open Base – For mounting on 3 1/4" [83mm], 4" [102mm] conduit boxes, or other recessed outlets. Cover takes devices with mounting screw centers of 2 3/4", 3 1/2", or 4 1/16" [70mm, 89mm, or 104mm]. Use as a pull or junction box with V5736.
V5735 13/8" [121mm] (121mm] (121mm] (121mm] (121mm] (121mm)	Distribution Box – Each side accepts three parallel raceway runs. Base has 1/2" and 1" concentric trade size KOs and a 1 13/16" x 2 7/8" trade size KO to mount on a one-gang in-wall outlet box. Cover takes devices with mounting screw centers of 2 3/4", 3 1/2", and 4 1/16" [70mm, 89mm, and 104mm], and canopy fixtures 4 5/8" [118mm] diameter or smaller. Used as a pull or junction box with V5736.	 1 [25r	nm]	CAT. NO. DIA. A.

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

- 🛛 🜞 Replace V with VC or WH with WHC to denote Canadian version Agency approved for sale in Canada. 🚳
 - * These boxes are not designed to support ceiling fans. For fan applications, use V5738AF.

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
V5738** V57378A** V5739** 5738 WH ** 5738 AWH** A	Fixture Box/Solid Base – For hanging fixtures. Cover takes devices with mounting screw centers of 2 3/4", 3 1/2", or 4 1/16" [70mm, 89mm, or 104mm]. Base has four holes for fixture studs; five 1/2" trade size KOs and raised section for no-bolt fixture-stud. Use as a junction or pull box with V5736.CAT. NO.DIA. A.V5738, WH4 3/4" 5 1/2" 6 3/8" [162mm]	V5738AF 5738AFWH★ 5 1/2" [140mm]	Fan Box/Solid Base – UL approved fixture box for ceiling fans. Cover accepts fan brackets with 3.2" [82mm] mounting centers. Supports up to 50 lbs. Base has six mounting holes and four 1/2" trade size KOs. #10 mounting screws provided.

NOTE: Covers have double twistouts; Lower twistout for V500, and both twistouts for V700.
 Replace V with VC or WH with WHC to denote Canadian version — Agency approved for sale in Canada. * These boxes are not designed to support ceiling fans. For fan applications, use V5738AF.

V500 & V700 Series Wire Fill Capacity Charts

V500/V700 Series Raceway Wire Fill Capacities for Power						
WIRE SIZE THHN/THWN	0 inches	.D. [mm]	NUMBER OF COND V500 SERIES	UCTORS 40% FILL 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		

V	500/V700 Series	Raceway V	Nire Fill	Capacities	for Commu	nications	
	CABLE/WIRE SIZE	O.D inches). [mm]	V500 \$ 20% FILL*	SERIES 40% FILL**	V700 SE 20% FILL*	RIES 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.

One-Piece Raceway Tools					
Catalog No./Item	Description/Specifications		Catalog No./Item	Description/Specifications	
605 607	V500 Raceway Cutter 700 Series Raceway Cutter – Single action portable cutter.		605K 607K	Replacement blade for 605 and 607 cutters – Replacement case-hardened steel blades cut clean and square.	

Datacom Connectivity Options

Now you have a wide range of options for providing datacom connectivity into Wiremold® Cable Management Systems. They are:

- Ortronics® TracJack® and Series II Modular Connectivity Solutions
- Pass & Seymour Activate[™] Modular Inserts
- Open System Communication Modules

Use these icons to determine connectivity options for each Wiremold System component:

Ortronics® Connectivity

ORT

P&S

OPEN

P&S

OPEN

TracJack[®] Individual Jack System

- Front-loading, snap-in design supports future moves adds and changes
- Inserts for voice, data, audio, and video
- Available Category 3, 5e, 6, USOC 6-position, and other media
- Flat or angled 45° exit configurations
- Choice of 13 colors and color matched to Wiremold Systems
- Universal T568A/B wiring format

Series II Front-Loading, Module System

- Module design features easy snap-in front-loading design
- Linear 110 punch down format for easy termination
- Inserts for voice, data, audio, and video
- Available Category 3, 5e, 6, USOC 6-position, and other media
- Available in flat or angled 45° exit configurations
- · Color matched to Wiremold Systems

For detailed product selection refer to the Ortronics Catalog or visit www.ortronics.com.

Pass & Seymour Legrand Network Wiring

Activate[™] Series Front-Loading Inserts

- · Modular inserts for voice, data, audio and video applications
- Front-load, snap-in design
- Color and texture matched to Wiremold Systems
- Available Category 3, 5e, 6, as well as 6-position USOC
- Universal T568A/B wiring format

For detailed product selection refer to the Pass & Seymour Network Wiring Catalog or visit www.passandseymour.com.

Open Connectivity Solutions

Wiremold Open System Communications Modules

- Accommodate a wide range of manufacturers' communications outlets including keystone jacks, as well as proprietary solutions from Avaya (Lucent) and NORDX
- Modules insert into a wide range of Wiremold Systems
- · Pre-punched faceplates accept common communication devices

NOTE: For more information on integrating connectivity into Wiremold Cable Management Systems contact the Wiremold Applications Engineering Team or your local Wiremold Sales Representative.



 Wiremold / Legrand

 U.S. and International:

 60 Woodlawn Street
 • West Hartford, CT 06110

 1-800-621-0049
 • FAX 860-232-2062
 • Outside U.S. 860-233-6251

 Canada:
 570 Applewood Crescent
 • Vaughan, Ontario L4K 4B4

 1-800-723-5175
 • FAX 905-738-9721

ED532R13 - Updated April 2005 - For latest specs visit www.wiremold.com











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