WIREMOLD

legrand®

One-Piece Surface Steel Raceway

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. V500, V700, and 700WH come in our exclusive ScuffCoat™ finish.
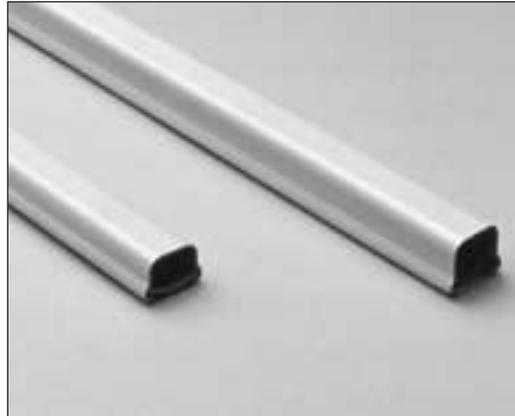
V500 and V700.
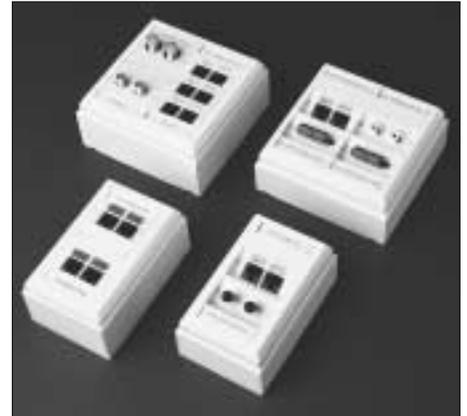
*5700 Series boxes with Pass & Seymour Activate inserts.*

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.** *NEW!* 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, V700, & 700WH Round Fixture Boxes (continued)

Catalog No./Item	Description/Specifications
V5738*❦ **V57378A*❦** **V5739*❦** **5738WH*❦** **5738AWH*❦**	**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.
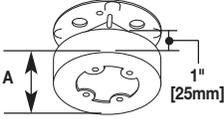
CAT. NO.	DIA. A.	
V5738, WH	4 3/4"	[121mm]
V5738A, WH	5 1/2"	[140mm]
V5739	6 3/8"	[162mm]

Catalog No./Item	Description/Specifications
V5738AF **5738AFWH❦**	**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.
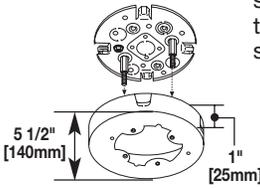
NOTE: *Covers have double twistouts; Lower twistout for V500, and both twistouts for V700.*
❦ *Replace V with VC or WH with WHC to denote Canadian version — Agency approved for sale in Canada.* ⓢ
 * *These boxes are not designed to support ceiling fans. For fan applications, use V5738AF.*

V500 & V700 Series Wire Fill Capacity Charts

V500/V700 Series Raceway Wire Fill Capacities for Power

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