

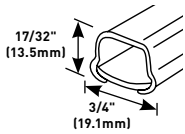
# 500<sup>®</sup> & 700<sup>®</sup> SERIES RACEWAY

## 500 Series Wire Fill Capacities For Communications

	CABLE/WIRE SIZE	O.D. (APPROX. DIA.)		40% FILL
		Inches	(mm)	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	(4.8)	2
	4-pair, 24 AWG, Cat 5e	0.210	(5.3)	2
	4-pair, 24 AWG, Cat 6	0.250	(6.3)	1
	4-pair, 24 AWG, Cat 6a*	0.354	(9.0)	0
	25-pair, 24 AWG	0.410	(10.4)	0
COAXIAL	RG6/U	0.270	(6.9)	1
FIBER	ZipCord	0.118 x 0.236	(3 x 6)	2
	Round 4 Strand Fiber	0.187	(4.8)	2
	Round 6 Strand Fiber	0.256	(6.5)	1

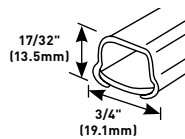
## 500 Series Raceway Ordering Information

### V500 One-Piece Raceway



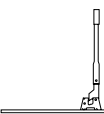
.040" (1.0mm) steel. Ivory finish. Available in 10' (3m) lengths, 100' (31m) per carton. One (1) 5701 Coupling furnished with each length.

### V500-5 One-Piece Raceway



Same as V500 Raceway except in 5' (1.5m) lengths, 50' (15m) per carton. One (1) 5701 Coupling furnished with each 5' (1.5m) length.

### 605 500 Series Raceway Cutter

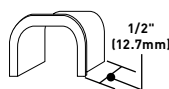


Single action portable cutter. Fast and easy square cuts.

### 605K Replacement Blades

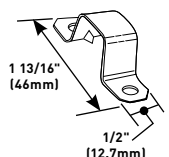
Case hard steel replacement blades for 605 Raceway Cutter.

### 502 Bushing



Protects wires from abrasion. Slips into open end of 500 Series Raceway.

### V504 Mounting Strap



**(One- or Two-Hole)** – Converts to one-hole by breaking off at score. Lanced tab holds strap in place while fastening to surface.

**NOTE: Use #8 flathead screws with all fittings requiring screws except V504. With V504, use #8 panhead screws.**

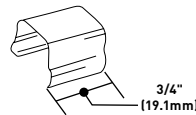
## 500 Series Wire Fill Capacities for Power

WIRE SIZE THHN/THWN	O.D.		NO. OF CONDUCTORS 40% FILL
	Inches	(mm)	
14 AWG	0.111	(2.8)	7
12 AWG	0.130	(3.3)	5
10 AWG	0.164	(4.2)	3

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

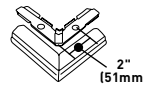
\* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

### V506 Connection Cover



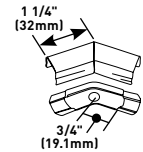
Covers seam where two lengths of 500 Series Raceway come together.

### V511 Flat Elbow



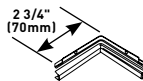
Right angle turns on the same surface.

### V512 45° Flat Elbow



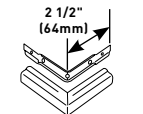
Diagonal 45° turns on same surface.

### V517 Internal Elbow



Inside right angle turns.

### V518 Outside Elbow



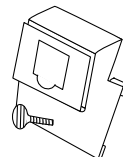
Outside right angle turns.

### 5700LL Laser Level



**For 500/700 Series Raceway.** Attaches to outlet box base and raceway fittings for perfect alignment of runs of raceway.

### 5700CG Cutting Guide



**For 500/700 Series Raceway.** Attaches to step ladder and holds raceway channel securely for accurate cuts.