

500[®] & 700[®] 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.

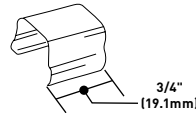
500 Series Wire Fill Capacities for Power

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.

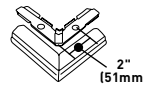
* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

V506 Connection Cover



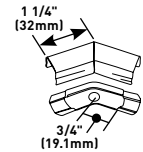
Covers seam where two lengths of 500 Series Raceway come together.

V511 Flat Elbow



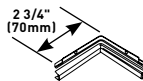
Right angle turns on the same surface.

V512 45° Flat Elbow



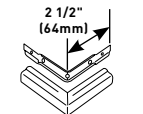
Diagonal 45° turns on same surface.

V517 Internal Elbow



Inside right angle turns.

V518 Outside Elbow



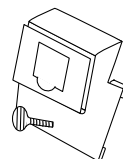
Outside right angle turns.

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.

STEEL RACEWAY