

700 SERIES RACEWAY WIRE FILL CAPACITIES FOR COMMUNICATIONS

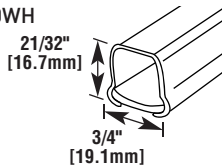
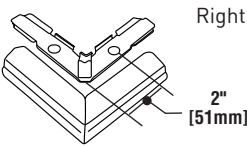
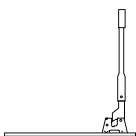
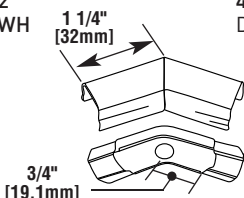
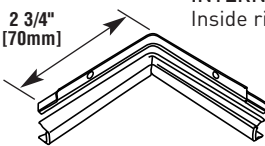
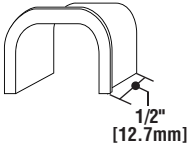
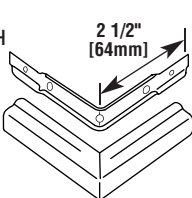
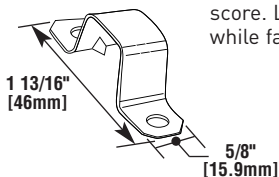

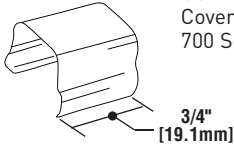

	CABLE/WIRE SIZE	O.D. (Approx. Dia.) Inches [mm]	40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190 [4.8]	3
	4-pair, 24 AWG, Cat 5e	0.210 [5.3]	3
	4-pair, 24 AWG, Cat 6	0.250 [6.3]	2
	4-pair, 24 AWG, Cat 6a*	0.354 [9.0]	1
	25-pair, 24 AWG	0.410 [10.4]	0
COAXIAL	RG6/U	0.270 [6.9]	1
FIBER	ZipCord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

700 SERIES RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D. Inches [mm]	NO. OF CONDUCTORS 40% FILL
14 AWG	0.111 [2.8]	10
12 AWG	0.130 [3.3]	7
10 AWG	0.164 [4.2]	4

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.

700 SERIES RACEWAY ORDERING INFORMATION

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
V700 700WH	 <p>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.</p>	V711 711WH	 <p>FLAT ELBOW – Right angle turns on the same surface.</p>
607	 <p>700 SERIES RACEWAY CUTTER – Single action portable cutter. Fast and easy square cuts.</p>	V712 712WH	 <p>45° FLAT ELBOW – Diagonal 45° turns on same surface.</p>
607K	<p>REPLACEMENT BLADES – Replacement case hard steel blades for 607 Raceway Cutter.</p>	V717 717WH	 <p>INTERNAL ELBOW – Inside right angle turns.</p>
702	 <p>BUSHING – Protects wires from abrasion. Slips into open end of 700 Series Raceway.</p>	V718 718WH	 <p>OUTSIDE ELBOW – Outside right angle turns.</p>
V704 704WH	 <p>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.</p>	IWE-S WHWE-S	 <p>SPRAY PAINT – Used for touching up large areas. Contains 12 oz. of paint. NOTE: Can only be shipped via ground transportation.</p>
V706 706WH	 <p>CONNECTION COVER – Covers seam where two lengths of 700 Series Raceway come together.</p>	IWE-P WWE-P	 <p>TOUCH-UP PAINT PEN – Used for touching up small areas. Contains 0.3 oz. of paint.</p>

NOTE: Use #8 flathead screws with all fittings requiring screws except V704. With V704, use #8 panhead screws.