

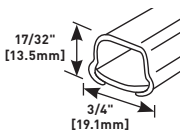
500[®] & 700[®] SERIES RACEWAY

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

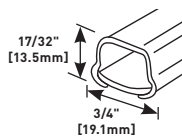
500 Series Raceway Ordering Information

V500 One-Piece Raceway



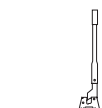
.040" [1.0mm] steel. Ivory finish. Available in 10' [3m] lengths, 100' [31m] per carton. One (1) 5701 Coupling furnished with each length.

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

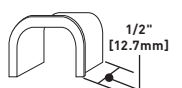


Single action portable cutter. Fast and easy square cuts.

605K Replacement Blades

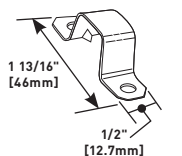
Case hard steel replacement blades for 605 Raceway Cutter.

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.

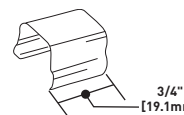
NOTE: Use #8 flathead screws with all fittings requiring screws except V504. With V504, use #8 panhead screws.

500 Series Wire Fill Capacities for Power

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

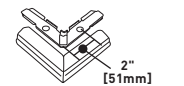
NOTE: For additional information, refer to the Technical Section.
* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

V506 Connection Cover



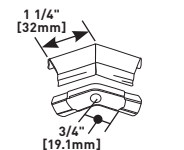
Covers seam where two lengths of 500 Series Raceway come together.

V511 Flat Elbow



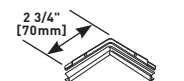
Right angle turns on the same surface.

V512 45° Flat Elbow



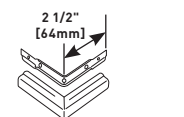
Diagonal 45° turns on same surface.

V517 Internal Elbow




Inside right angle turns.

V518 Outside Elbow



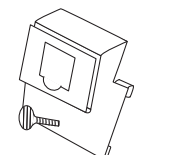
Outside right angle turns.

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.

500® & 700® SERIES RACEWAY

700 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]	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

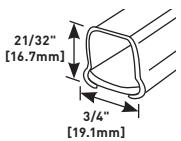
700 Series Wire Fill Capacities for Power

WIRE SIZE	O.D.		NO. OF CONDUCTORS
	Inches	[mm]	
THHN/THWN	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.

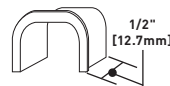
700 Series Raceways Ordering Information

V700, 700WH One-Piece Raceway



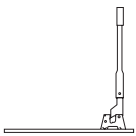
.040" [1.0mm] steel. Ivory finish. Available in 10' [3m] lengths, 100' [31m] per carton. One (1) 5701 Coupling furnished with each length.

702 Bushing



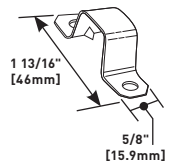
Protects wires from abrasion. Slips into open end of 700 Series Raceway.

607 700 Series Raceway Cutter



Single action portable cutter. Fast and easy square cuts.

V704, 704WH Mounting Strap

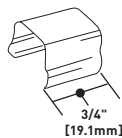


(One- or Two-Hole) Converts to one-hole by breaking off at score. Lanced tab holds strap in place while fastening to surface.

607K Replacement Blades

Case hard steel replacement blades for 607 Raceway Cutter.

V706, 706WH Connection Cover



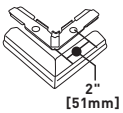
Covers seam where two lengths of 700 Series Raceway come together.

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

500[®] & 700[®] SERIES RACEWAY

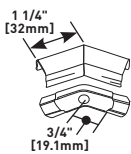
500 & 700 Series Raceway Fittings Ordering Information

V711, 711WH Flat Elbow



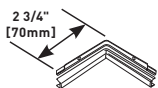
Right angle turns on the same surface.

V712, 712WH 45° Flat Elbow



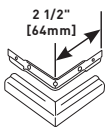
Diagonal 45° turns on same surface.

V717, 717WH Internal Elbow



Inside right angle turns.

V718, 718WH Outside Elbow



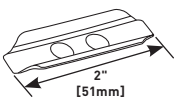
Outside right angle turns.

V5700F Flexible Section



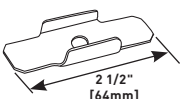
For installing raceway around offsets, side bends, twisted turns, and curved surfaces. Wire fill capacity is the same as 500 & 700 Series Raceways. Consult factory for custom lengths. Maximum painted length 3' [915mm].

5701 Coupling



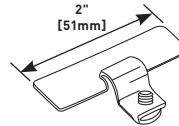
Joins and supports lengths of 500 or 700 Series Raceway. One coupling included with each length of raceway.

V5703, 5703WH Supporting Clip



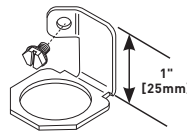
Supports lengths of 500 and 700 Series Raceway.

5709 Ground Clamp



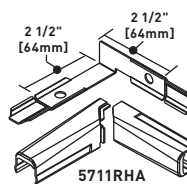
Provides additional grounding for 500 or 700 Series Raceway or to ground remotely located devices. Insert clamp into raceway before installing. Attach ground wire to screw as required by National Electrical Code.

5709GC Grounding Connector



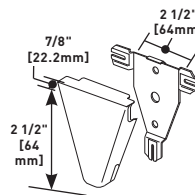
Provides grounding means for 1/2" trade size conduit using lock nut.

5711LHA, 5711RHA Internal Twist Elbows



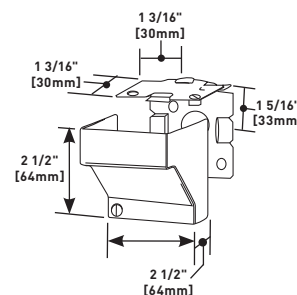
90° twist with a 90° turn. For double turn at right angles from one surface to another. For transitions from a sidewall to ceiling or edge of door or window trim. Twistout in cover adapts for use with 700 Series Raceway. Available in ivory (5711LHA, 5711RHA) and white (5711LHAWH, 5711RHAWH).

V5715, 5715WH Tee



Connects branches of 700 Series Raceway at right angles. When used with 700 Series Raceway, break out crescent twistout in cover.

V5719, 5719WH Corner Box



For feeding raceway from ceiling or floor. Allows for ample splice room. Base has 1/2" trade size KO.

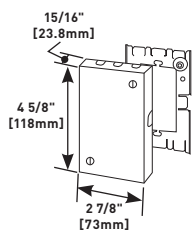
500[®] & 700[®] SERIES RACEWAY

500 & 700 Series Raceways Interconnectivity Fittings

CONNECTION REQUIRED		USE CATALOG NUMBER
FROM	TO	
500 Series, 700 Series Raceway	1500 Series Raceway	1517B
500 Series Raceway	Side of 2000 Series Raceway	V2089
500 Series Raceway	End of 2000 Series Raceway	V2089E
Existing Outlet	500 or 700 Series Raceway	V5751
Panel Box	500 or 700 Series Raceway	V5786
1/2" trade size Conduit or Armored Cable	500 or 700 Series Raceway	5782, V5784
3/4" trade size Conduit or Armored Cable	500 or 700 Series Raceway	5782A
Boxes with 1/2" trade size KOs	500 or 700 Series Raceway	5781, V5785
Boxes with 3/4" trade size KOs	500 or 700 Series Raceway	5781A
3" [76mm] or 4" [102mm] Ceiling Boxes	500 or 700 Series Raceway	V5737, V5737A, V5739
Single-Gang Outlet Box	Two-Gang Surface Box	V5735, V5744-2, V5744S-2, V5747-2, V5748-2
14/2, 14/3, 12/2, 12/3 Armored Cable	500 or 700 Series Raceway	5790B
1/2" trade size EMT	5700 Series Boxes	5791

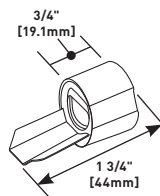
500 & 700 Series Raceway Fittings Ordering Information (continued)

V5760 Blank Extension Box



Extension for existing flush switch and receptacle boxes to blank original outlet. Closed base version available as a special order.

5782, 5782A Conduit Connector (Galvanized)



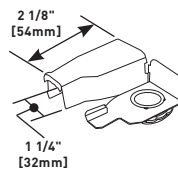
Interior threaded female connector for connecting raceway to conduit. When used with 700 Series Raceway, break out crescent twistout in connector. **5782** has 1/2" trade size conduit opening and **5782A** has 3/4" trade size conduit opening.

5780 Special Nipple (Galvanized)



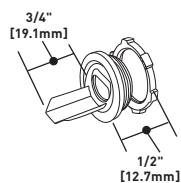
For hanging either 3/8" [9.5mm] or 1/2" [12.7mm] fixtures to Wiremold fittings with 1/2" trade size KOs. Has female 3/8" [9.5mm] pipe thread inside and male 1/2" [12.7mm] pipe thread outside.

V5783 Elbow Box Connector



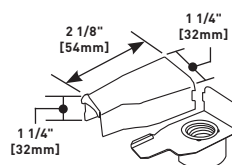
Connects raceway at right angles to conduit boxes or panel boxes that have 1/2" trade size conduit KOs. When used with 700 Series Raceway, break out crescent twistout in cover.

5781, 5781A Box Connector (Galvanized)



Male connector for connecting raceway to conduit boxes or panel boxes that have KOs for conduit. Can also be used with conduit type fittings. When used with 700 Series Raceway, break out crescent twistout in connector. 5781 has 1/2" trade size conduit opening and 5781A has 3/4" trade size conduit opening.

V5784 Elbow Box Connector

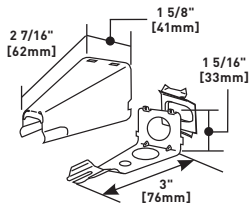


Connects raceway at right angles to 1/2" trade size conduit or armored cable connectors. When used with 700 Series Raceway, break out crescent twistout in cover.

500[®] & 700[®] SERIES RACEWAY

500 & 700 Series Raceway Fittings Ordering Information (continued)

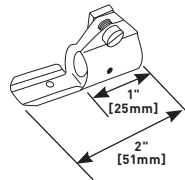
V5785, 5785WH Combination Connector



Connects raceway, without offsetting, to any surface-mounted 3 1/4" or 4" [83mm or 102mm] outlet box with 1/2" trade size conduit KOs. Base has two 1/2" trade size KOs, one on end and one on bottom. Included spring steel bushing eliminates need

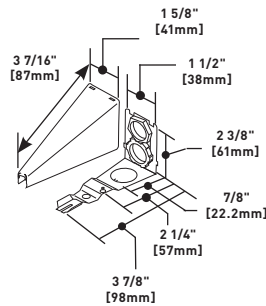
for conduit nipple and locknut for end connection to box. When used with 700 Series Raceway, break off cover extension.

5790B Armored Cable Connector (Galvanized)



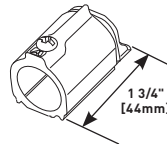
Connects 14/2, 14/3, 12/2, and 12/3 "MC" and armored cable to Wiremold fittings. A short piece of 500 or 700 Series Raceway (1 5/8" [41mm] min.) must be used between connector and Wiremold fittings. Not for use with 1/2" [12.7mm] flex conduit.

V5786, 5786WH Adjustable Offset Connector



Eliminates need to offset raceway when connecting to surface type panel boxes. Adjustment from surface to center of bushings is 5/8" [15.9mm] minimum to 1 3/8" [35mm] maximum. When used as adjustable offset connector, break out metal between the two holes. When used with 700 Series Raceway, break out crescent twistout in cover. 1/2" trade size chase nipple and locknut furnished.

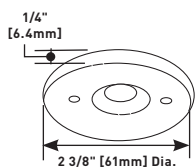
5791 EMT Connector



Connects 1/2" trade size EMT to 5700 Series rectangular and round device boxes (except 5733). Derates the fill capacity of the EMT.

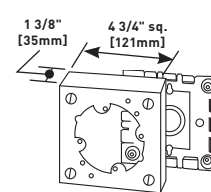
500 & 700 Series Raceways Device Boxes Ordering Information

V5731 Blank Cover



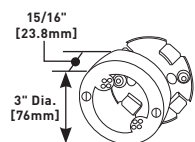
Use with 5733 Outlet Box to convert box into pull or junction box. Has 1/2" trade size KO in center.

V5735 Distribution Box



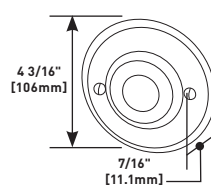
Twistouts permit use of three parallel raceway runs on each side. Base has 1/2" and 1" concentric trade size KOs and a 1 13/16" [46mm] x 2 7/8" [73mm] rectangular KO to mount on a one-gang in-wall outlet box. Cover accepts devices with mounting screw centers of 2 3/4", 3 1/2" or 4 1/16" [70mm, 89mm or 103mm], and canopy fixtures no larger than 4 5/8" [117mm] in diameter. With 5736 Blank Cover, this fitting can be used as junction box, pull box, etc.

V5733 Outlet Box



For devices with mounting screw centers of 1 15/32", 1 5/8", 1 11/16", or 1 27/32" [37mm, 41mm, 44mm, or 46mm]. Will accept any device that mounts on "G" or "H" type conduit fittings.

V5736, 5736WH Blank Cover



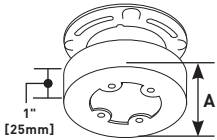
1/2" trade size KO in center. For use with 5735, 5737, 5737A, 5738, 5738AF, 5739, 5739A or 2135 Device Boxes. Converts these boxes into pull or junction boxes or for hanging lightweight pendant fixtures with 1/2" trade size pipe stems.

NOTE: 500 & 700 Series Raceway Systems Device Boxes that are identified with this symbol are Certified to Canadian Safety Standards for sale in Canada. When ordering these products (this page and the next page), change the "V" color prefix to "VC" or the "WH" color suffix to "WHC" to deNOTE the Canadian versions.

500® & 700® SERIES RACEWAY

500 & 700 Series Raceways Device Boxes Ordering Information (continued)

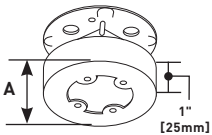
5737, 5739 Open Base Extension Box



Mounts on 3 1/4" or 4" [83mm or 102mm] conduit boxes or other recessed outlets. Cover accepts devices with mounting screw centers of 2 3/4", 3 1/2" or 4 1/16" [70mm, 89mm, or 103mm]. Can be used with 5736 Blank Cover as a pull or junction box.

CAT. NO.	DIA. A.
V5737, 5737WH	4 3/4" [121mm]
V5737A, 5737AWH	5 1/2" [140mm]
V5739A	6 3/8" [162mm]

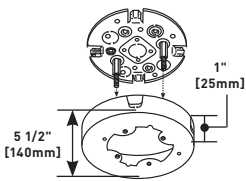
5738, 5738A, 5739 Solid Base Fixture Box



Used to hang fixtures. Cover accepts devices with mounting screw centers of 2 3/4", 3 1/2", and 4 1/16" [70mm, 89mm, and 103mm]. Base has four holes for fixture studs, four 1/2" trade size KOs, and raised section for no-bolt fixture-stud. Use as a junction or pull box with 5736 Blank Cover.

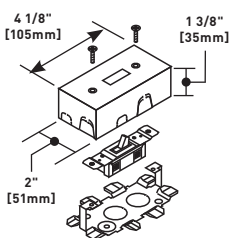
CAT. NO.	DIA. A.
V5738, 5738WH	4 3/4" [121mm]
5738A, 5738AWH	5 1/2" [140mm]
5739, 5739WH	6 3/8" [162mm]

V5738AF, 5738AFWH Solid Base Fan Box



Cover accepts fan bracket with mounting centers of 3 3/16" [81mm]. Base has six mounting holes and 4 1/2" trade size KOs. #10 mounting studs provided. Rated for fans and fixtures up to 50 lbs.

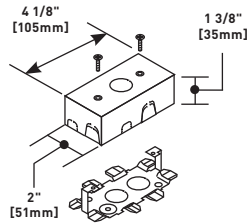
V57240 15A, 125V Single Pole Switch & Box



Single pole switch included. Accepts standard single-gang switches including three-way. Cover has twistouts for 500 or 700 Series Raceway on each end and sides. Twistouts on ends of box permit running raceway close to interior trim. Base has 1/2" trade size KOs.

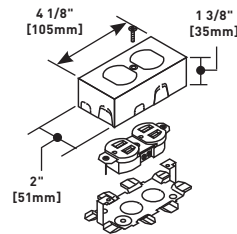
NOTE: One-gang device boxes accept NEMA single-gang standard faceplates. Two-gang device boxes accept NEMA double-gang standard faceplates.

V57242 Utility Box



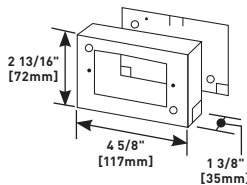
Can be used as tee, cross, pull box, junction box, or blank box. Cover has 1/2" trade size KO and twistouts for 500, and 700 Series Raceway on each end and sides. Twistouts on ends of box permit running raceway close to interior trim. Base has 1/2" trade size KOs.

V57243G 15A, 125V Duplex Grounding Receptacle (NEMA 5-15R) & Box



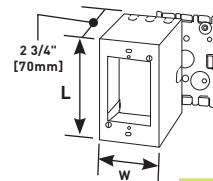
Accommodates 15A (NEMA 5-15R) or 20A (NEMA 5-20R) duplex devices in place of duplex grounding receptacle included. Cover has twistouts for 500 and 700 Series Raceway on each end and sides. Twistouts on ends of box permit running raceway close to interior trim. Base has 1/2" trade size KOs.

V5741, 5741WH Switch & Receptacle Box



For shallow type switches (three-way, single, and double pole) and receptacles, including three-wire locking receptacles and single-gang combination devices. Base has 1/2" trade size KO. Position of twistouts on ends permits running raceways close to interior trim.

5744, 5744-2, 5744-3 Extra Deep Switch & Receptacle Box



For deep devices such as momentary contact, remote control switches, and hospital signaling system devices. Base has 1/2" trade size KOs. Larger gang boxes available by special order.

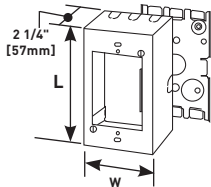
CAT. NO.	L	W	GANGS
V5744, 5744-WH	4 5/8" [117mm]	2 7/8" [73mm]	1
V5744-2, 5744-2WH	4 3/4" [121mm]	4 3/4" [121mm]	2
V5744-3	4 5/8" [117mm]	6 1/2" [165mm]	3

NOTE: 500 & 700 Series Raceway Systems Device Boxes that are identified with this symbol are Certified to Canadian Safety Standards for sale in Canada. When ordering these products (this page and the next page), change the "V" color prefix to "VC" or the "WH" color suffix to "WHC" to deNOTE the Canadian versions.

500[®] & 700[®] SERIES RACEWAY

500 & 700 Series Raceways Device Boxes Ordering Information (continued)

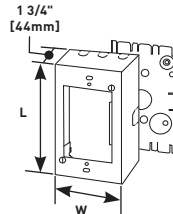
5744S, 5744S-2, 5744S-3 Deep Switch & Receptacle Box



Designed especially for use in the installation of signal system and alarm wiring. Base has 1/2" trade size KOs. Larger gang boxes are available by special order.

CAT. NO.	L	W	GANGS
V5744S, 5744SWH	4 5/8" [117mm]	2 7/8" [73mm]	1
V5744S-2, 5744S-2WH	4 3/4" [121mm]	4 3/4" [121mm]	2
V5744S-3	4 5/8" [117mm]	6 1/2" [165mm]	3

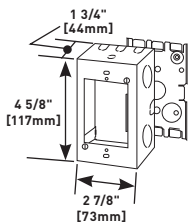
5748, 5748-2, 5748-3, 5748-4, 5748-5, 5748-6 Switch & Receptacle Box



For deep switches and receptacles. Base has two 1/2" trade size KOs. Larger gang boxes available by special order.

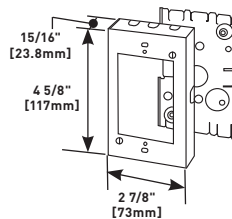
CAT. NO.	L	W	GANGS
V5748, V5748WH	4 5/8" [117mm]	2 7/8" [73mm]	1
V5748-2, V5748-2WH	4 3/4" [121mm]	4 3/4" [121mm]	2
V5748-3, V5748-3WH	4 5/8" [117mm]	6 1/2" [165mm]	3
V5748-4	4 5/8" [117mm]	8 11/32" [212mm]	4
V5748-5	4 5/8" [117mm]	10 5/32" [258mm]	5
V5748-6	4 5/8" [117mm]	11 31/32" [304mm]	6

V5745, 5745WH Combination Switch & Receptacle Box



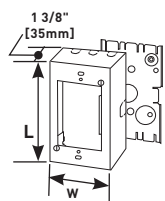
Connects to surface runs of 1/2" trade size conduit. Cover has 1/2" trade size KO and two raceway twistouts on one end and three raceway twistouts on opposite end, two 1/2" KOs and a raceway twistout on each side. Base has two 1/2" trade size KOs. Larger gang boxes are available by special order.

V5748S, 5748SWH Shallow Switch & Receptacle Box



For shallow type switch and duplex receptacles. Base has 1/2" trade size KOs.

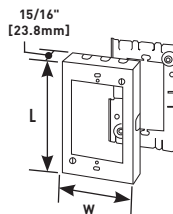
5747, 5747-2, 5747-3 Shallow Switch & Receptacle Box



For standard shallow switches and receptacles including single-gang combination devices. Base has two 1/2" trade size KOs. Larger gang boxes available by special order.

CAT. NO.	L	W	GANGS
V5747, 5747WH	4 5/8" [117mm]	2 7/8" [73mm]	1
V5747-2, 5747-2WH	4 3/4" [121mm]	4 3/4" [121mm]	2
V5747-3	4 5/8" [117mm]	6 1/2" [165mm]	3

5751, 5751-2, 5751-3 Flush Type Extension Adapter



For extensions from existing flush switch and receptacle boxes. Larger gang boxes available by special order.

CAT. NO.	L	W	GANGS
V5751, 5751WH	4 5/8" [117mm]	2 7/8" [73mm]	1
V5751-2, 5751-2WH	4 3/4" [121mm]	4 3/4" [121mm]	2
V5751-3	4 5/8" [117mm]	6 1/2" [165mm]	3

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