WIREMOLD®
Wire & Cable Management Systems

1500, 2600, 2100 Two-Piece Metal Raceway

INSTALLATION INSTRUCTIONS

Installation Instruction No.: 41404R3 – Updated September 2003

Wiremold Electrical Systems conform to and should be installed and properly grounded in compliance with requirements of the current National Electrical Code, Canadian Electrical Code or codes administered by local authorities.

All electrical products may represent possible shock or fire hazard if improperly installed or used. Wiremold electrical products are UL Listed to U.S. and Canadian safety standards, made for interior use only, and should be installed in conformance with current local and/or the National Electrical Code.

1500 RACEWAY WIRE FILL CAPACITIES FOR DATA/COMMUNICATIONS

TYPE	UNSHIELDED TWISTED PAIR 24 AWG, 4-PAIR		TELEPHONE 24 AWG, NO. OF PAIRS				COAXIAL				TWINAXIAL	SHIELDED TWISTED PAIR			FIBER OPTIC
	CAT. 5	CAT. 3	2	3	4	25	RG58/U	RG59/U	RG62/U	RG6/U	100 OHM	TYPE 1	TYPE 2	TYPE 3	TWO STRAND (DUPLEX) MULTIMODE, 62.5/125µm
O.D. inches	0.220	0.190	0.140	0.150	0.190	0.410	0.195	0.242	0.242	0.270	0.330	0.390	0.465	0.245	0.190
O.D. [mm]	[5.6]	[4.8]	[3.6]	[3.8]	[4.8]	[10.4]	[5.0]	[6.1]	[6.1]	[6.9]	[8.4]	[9.9]	[11.8]	[6.2]	[4.8]
40% fill	2	3	6	5	3	0	3	2	2	1	1	0	0	2	3

1500 RACEWAY WIRE FILL CAPACITIES FOR POWER

TYPE AWG, THHN/THWN	8	10	12	14
O.D. inches	0.216	0.164	0.130	0.111
O.D. [mm]	5.5	4.2	3.3	2.8
40% fill	2	4	6	9

2600 RACEWAY WIRE FILL CAPACITIES FOR DATA/COMMUNICATIONS

TYPE	UNSHIELDED TWISTED PAIR 24 AWG, 4-PAIR		TELEPHONE 24 AWG, NO. OF PAIRS				COAXIAL				TWINAXIAL	SHIELDED TWISTED PAIR			FIBER OPTIC
	CAT. 5	CAT. 3	2	3	4	25	RG58/U	RG59/U	RG62/U	RG6/U	100 OHM	TYPE 1	TYPE 2	TYPE 3	TWO STRAND (DUPLEX) MULTIMODE, 62.5/125µm
O.D. inches	0.220	0.190	0.140	0.150	0.190	0.410	0.195	0.242	0.242	0.270	0.330	0.390	0.465	0.245	0.190
O.D. [mm]	[5.6]	[4.8]	[3.6]	[3.8]	[4.8]	[10.4]	[5.0]	[6.1]	[6.1]	[6.9]	[8.4]	[9.9]	[11.8]	[6.2]	[4.8]
40% fill	7	10	18	16	10	2	9	6	6	5	3	2	1	6	10

2600 RACEWAY WIRE FILL CAPACITIES FOR POWER

TYPE AWG, THHN/THWN	8	10	12	14
O.D. inches	0.216	0.164	0.130	0.111
O.D. [mm]	5.5	4.2	3.3	2.8
40% fill	8	13	21	29

2100 RACEWAY WIRE FILL CAPACITIES FOR DATA/COMMUNICATIONS

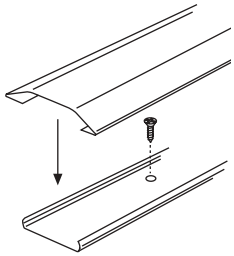
TYPE	UNSHIELDED TWISTED PAIR 24 AWG, 4-PAIR		TELEPHONE 24 AWG, NO. OF PAIRS				COAXIAL				TWINAXIAL	SHIELDED TWISTED PAIR			FIBER OPTIC
	CAT. 5	CAT. 3	2	3	4	25	RG58/U	RG59/U	RG62/U	RG6/U	100 OHM	TYPE 1	TYPE 2	TYPE 3	TWO STRAND (DUPLEX) MULTIMODE, 62.5/125µm
O.D. inches	0.220	0.190	0.140	0.150	0.190	0.410	0.195	0.242	0.242	0.270	0.330	0.390	0.465	0.245	0.190
O.D. [mm]	[5.6]	[4.8]	[3.6]	[3.8]	[4.8]	[10.4]	[5.0]	[6.1]	[6.1]	[6.9]	[8.4]	[9.9]	[11.8]	[6.2]	[4.8]
40% fill	8	11	21	19	11	2	11	7	7	5	3	2	1	7	11

2100 RACEWAY WIRE FILL CAPACITIES FOR POWER

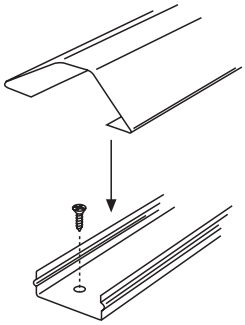
TYPE AWG, THHN/THWN	WITHOUT DEVICES				WITH DEVICES (2127G RECEPTACLE)			
	8	10	12	14	8	10	12	14
O.D. inches	0.216	0.164	0.130	0.111	0.216	0.164	0.130	0.111
O.D. [mm]	5.5	4.2	3.3	2.8	5.5	4.2	3.3	2.8
40% fill	2	4	6	9	0	3	5	7

- Use No. 8 (5/16", [7.9mm] head size) flat head fastener or equivalent to mount base to surface.
- Utiliser une attache à tête plate de calibre 8 (tête de 7.9mm, 5/16" po.) ou une fixation équivalente pour assujettir le tube guide-fils et les raccords à la surface de montage.
- Use un sujetador de cabeza plana No. 8 (tamaño de cabeza: 7.9mm, 5/16" de pulgada) o su equivalente para unir la canalita y los accesorios a la superficie de montaje.
- Grounding: Use ground location when provided or install a suitable ground lug, ring terminal or locknut and ground bushing.
- Mise à la terre: Utiliser l'emplacement de terre prévu ou poser le matériel qui convient: patte de mise à la terre, cosse circulaire à oeil ou écrou de blocage et manchon de terre.
- Conexión a tierra: Use un localizador de tierra cuando se proporcione o instale una orejeta de tierra, anillo terminal o contratuerca y cojinetes de tierra apropiados.

1500-10



2600-10



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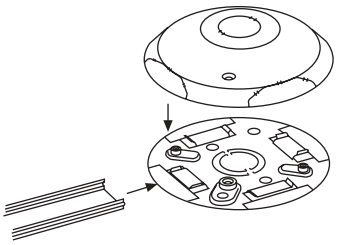

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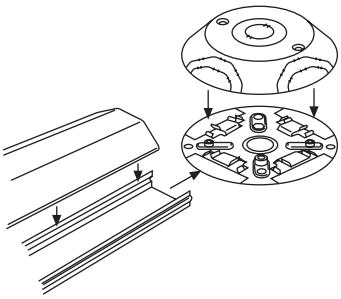

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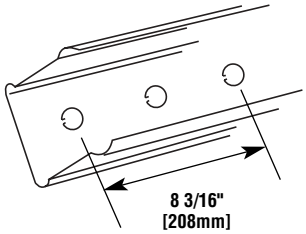

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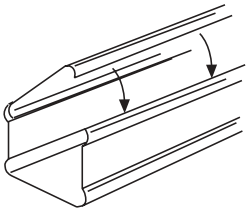

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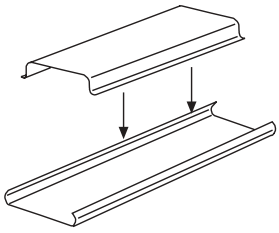

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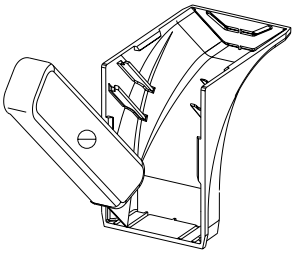

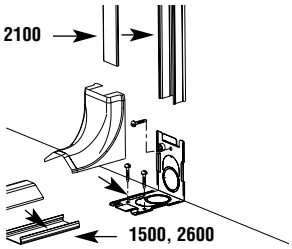

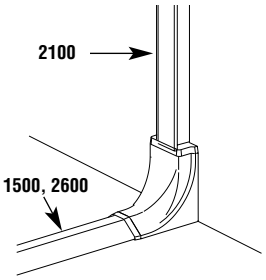

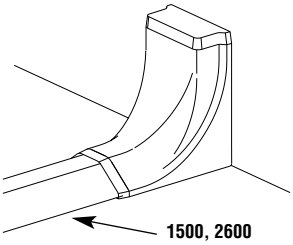

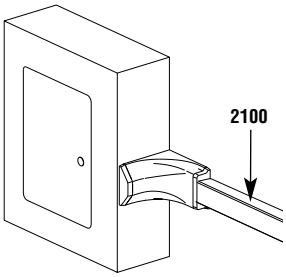

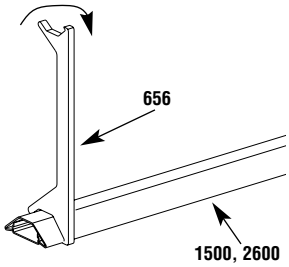

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