

## Plugmold Series Wiring Specifications (continued)

### 2000/2400 Series Raceway Wire Fill Capacities for Power

CABLE TYPE	WIRE SIZE THHN/THWN	O.D.		NO. OF CONDUCTORS (40% FILL)	
		Inches	[mm]	2000	2400
POWER WIRING WITHOUT DEVICES	10 AWG	0.166	[4.2]	–	26
	12 AWG	0.130	[3.3]	7*	41
	14 AWG	0.111	[2.8]	7*	57
POWER WIRING WITH DEVICES (Plugmold Series)	8 AWG	0.218	[5.5]	–	2
	10 AWG	0.153	[3.9]	–	6
	12 AWG	0.122	[3.1]	5**	10
	14 AWG	0.105	[2.7]	5**	–

\*Wire capacity limited to maximum of seven conductors due to .025" [.6mm] material thickness of cover.

\*\*Including one hot, neutral, and ground wire from the receptacle.

### Wiring Configurations

			With Snapicoil	
<b>GB Series:</b> 3-wire, #12 THHN (1 hot, 1 neutral and 1 ground), 1 circuit; has insulated grounding conductor.	<b>GBA Series:</b> 4-wire, #12 THHN (2 hot, 1 neutral and 1 ground), 2 circuit; outlets wired alternately; has insulated grounding conductor.	<b>IG Series:</b> 3-wire, #12 THHN (1 hot, 1 neutral and 1 ground), 1 circuit; has insulated-isolated grounding conductor. Orange receptacles.	<b>GB Series:</b> 3-wire, #12 THHN (1 hot, 1 neutral and 1 ground), 1 circuit; has insulated grounding conductor.	<b>GBA Series:</b> 4-wire, #12 THHN (2 hot, 1 neutral and 1 ground), 2 circuit; outlets wired alternately; has insulated grounding conductor.

**NOTE: SNAPICOIL REELS on custom order.** Snapicoil harness is available on reels if lengths greater than 50' are needed, or if multiple lengths are required for production-type jobs. The maximum length per reel is 240' for Snapicoil with outlets 12" and 18" on centers; 500' with outlets 30" on center. Packaging includes the necessary number of lengths of base, holecut cover, wire clips, and couplings for complete installation. Price and delivery information should be obtained prior to specifying or ordering. To specify or order, add "R" to the Snapicoil number. Ex: V20GB12R. Other outlet spacings available on custom order.

Receptacles are made from high impact thermoplastic. Snapicoil packaging includes the necessary lengths of 2000B Base, 2000C Hole Cut Cover, 2000WC Wire Clips, and 2001 Couplings for complete installation.



# Aluminum Plugmold® Raceway & Multioutlet Assemblies

Aluminum Plugmold® Multioutlet Systems offer an attractive choice for hospital and commercial labs, as well as for residential applications. The durable finish offers both aesthetics and corrosion resistance. Aluminum Plugmold Series is available in single and alternating circuits, with standard or isolated ground receptacles. It can also be customized to meet virtually any job requirement.



The durable corrosion-resistant finish of Aluminum Plugmold Series makes it an ideal solution for use in laboratories.

### FEATURES & BENEFITS

- **Compact, low profile appearance.** Requires minimal space.
- **Full range of fittings.** Provides a complete wiring solution.
- **Single, alternating circuit, and isolated ground receptacles available.** Meets virtually any job requirement.
- **Variety of lengths.** Ideal for different spaces.
- **Choose receptacle spacing.** Suits many applications.
- **Corrosion resistant finish.** Durable aluminum construction resists corrosion and is ideal for use in healthcare and laboratory applications.
- **Single- and dual-gang boxes available.** Wire devices into the raceway system.
- **Tamper-resistant.** Tamper-resistant Plugmold Multioutlet Systems meet 2011 NEC section 406 requirements.
- **Customization available.** All products can be modified to accommodate virtually any application.
- **UL and cUL Listed.** Safety and reliability in the applications.



Aluminum Plugmold Systems are used in both residential and commercial applications.

## Plugmold AL2000 Series Raceway Fittings Ordering Information (Continued)

**Catalog No./Item**      **Description/Specification**

**AL2038**

**Round Fixture Box (Solid Base)** – Designed for use in hanging fixtures. Cover takes any device with mounting screw centers of 2 3/4", 3 1/2", and 4 1/16" [70mm, 89mm, and 103mm]. Base has concentric 1/2" and 3/4" KOs.

**AL2040A**

**In-line Single Pole Switch** – Single pole 120V switch. Two couplings furnished.

**AL2043**

**In-line Receptacle** – Two 15A, 120V U-ground factory wired receptacles. Couplings furnished.

**AL2043IG**

**In-line Isolated Ground Receptacle** – Two 15A, 120V factory wired, isolated ground, orange receptacles. Couplings furnished.

**AL2044**  
**AL2044-2**

**Deep Device Box** – For receptacles and deep devices such as those of signal and alarm systems. Base has open back plate for mounting to existing wall box and solid back plate insert with 1/2" (AL2000 Raceway) and 3/4" (AL2000 Raceway) KO to close opening.

CAT. NO.	L	W	D	GANG #
AL2044	4 5/8" [117mm]	3 1/16" [73mm]	2 1/4" [57mm]	1
AL2044-2	4 5/8" [117mm]	4 27/32" [121mm]	2 1/2" [64mm]	2

**AL2047**

**Shallow Switch and Receptacle Box** – Designed for standard shallow switches and receptacles. Base has open back plate for mounting to existing wall box and solid back plate insert with 1/2" and 3/4" KO to close opening.

CAT. NO.	L	W	D	GANG #
AL2047	4 5/8" [117mm]	3 1/16" [73mm]	1 3/8" [35mm]	1
AL2047-2	4 5/8" [117mm]	4 27/32" [121mm]	1 3/8" [35mm]	2

**Catalog No./Item**      **Description/Specifications**

**AL20GB306TR**  
**AL20GB506TR**

**Tamper-Resistant Plugmold** – Available in 3' [914mm] and 5' [1.5m] lengths with 6" [152mm] receptacle spacing. 15A tamper-resistant receptacles. 3-wire, #12 THHN (1 hot, 1 neutral, and insulated ground conductor). .060" [1.5mm] 6063-T5 extruded aluminum housing with satin anodized finish. Packed 2 per carton. Each unit supplied with one (1) Coupling and two (2) Blank End Fittings.

**AL20GB306TR**

**AL20GB306TRGFI**  
**AL20GB506TRGFI**  
**BK20GB306TRGFI**  
**BK20GB506TRGFI**  
**BK20GB606TRGFI**  
**G20GB306TRGFI**  
**G20GB506TRGFI**  
**G20GB606TRGFI**  
**S20GB306TRGFI**  
**S20GB506TRGFI**  
**S20GB606TRGFI**  
**V20GB306TRGFI**  
**V20GB506TRGFI**  
**V20GB606TRGFI**  
**WH20GB306TRGFI**  
**WH20GB506TRGFI**  
**WH20GB606TRGFI**

**GFCI Plugmold** – Available in 3' [914mm], 5' [1.5m] and 6' [1.8m] lengths with 6" [152mm] receptacle spacing. 15A tamper-resistant receptacles. 3-wire, #12 THHN (1 hot, 1 neutral, and insulated ground conductor). .040" [1.0mm] steel housing. Packed 2 per carton. Each unit supplied with one (1) Coupling and two (2) Blank End Fittings. GFCI Class A 20A 125V 60Hz

**AL20GB306TRUSB**  
**AL20GB506TRUSB**  
**BK20GB306TRUSB**  
**BK20GB506TRUSB**  
**BK20GB606TRUSB**  
**G20GB306TRUSB**  
**G20GB506TRUSB**  
**G20GB606TRUSB**  
**S20GB306TRUSB**  
**S20GB506TRUSB**  
**S20GB606TRUSB**  
**V20GB306TRUSB**  
**V20GB506TRUSB**  
**V20GB606TRUSB**  
**WH20GB306TRUSB**  
**WH20GB506TRUSB**  
**WH20GB606TRUSB**

**USB Plugmold** – Available in 3' [914mm], 5' [1.5m] and 6' [1.8m] lengths with 6" [152mm] receptacle spacing. 15A tamper-resistant receptacles. 3-wire, #12 THHN (1 hot, 1 neutral, and insulated ground conductor). .040" [1.0mm] steel housing. Packed 2 per carton. Each unit supplied with one (1) Coupling and two (2) Blank End Fittings. USB is 2.4 (shared between 2 ports) 5VDC.

**NOTE:** "V" prefix indicates Ivory ScuffCoat™ finish, "G" prefix for Gray enamel finish, "BK" for Black ScuffCoat™ finish, "WH" for white enamel finish, and "S" for stainless steel finish.