# WIREMOLD

# **L**legrand<sup>®</sup>

# Plugmold<sup>®</sup> Systems

# Steel, Aluminum, and Nonmetallic Plugmold Raceway and Multioutlet Assemblies

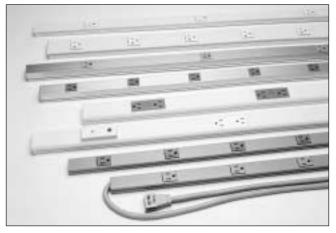


he selection of steel, aluminum, and nonmetallic provides a versatile solution for many applications. Plugmold sections offer single or alternating circuits, standard or isolated ground receptacles, and Snapicoil<sup>®</sup> harnesses of prewired receptacles or cord ended units.

Steel Plugmold comes in an ivory ScuffCoat<sup>™</sup> or gray enamel finish. The ScuffCoat finish is scratch resistant and protects against nicks and chips while preventing color from fading.

Aluminum Plugmold offers an attractive choice for hospital and commercial labs. The finish offers high-tech aesthetics and corrosion resistance.

Nonmetallic Plugmold has a textured ivory finish with duplex receptacles. This series offers a field serviceable surge module that protects the entire Plugmold strip and makes on-site changes easy.



Plugmold Systems come in a variety of finishes and configurations.

## Features & Benefits

- **Steel, aluminum, or nonmetallic material.** Variety provides choice for the application.
- Many finishes. Ivory ScuffCoat finish or gray surface for steel, aluminum satin anodized, and ivory nonmetallic textured finish.
- **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.
- Snapicoil harnesses with different lengths and receptacle spacing. Offers a solution for many electrical requirements.
- Duplex receptacle. Aesthetically pleasing, functional 20A duplex for the 24S (2400) Series.

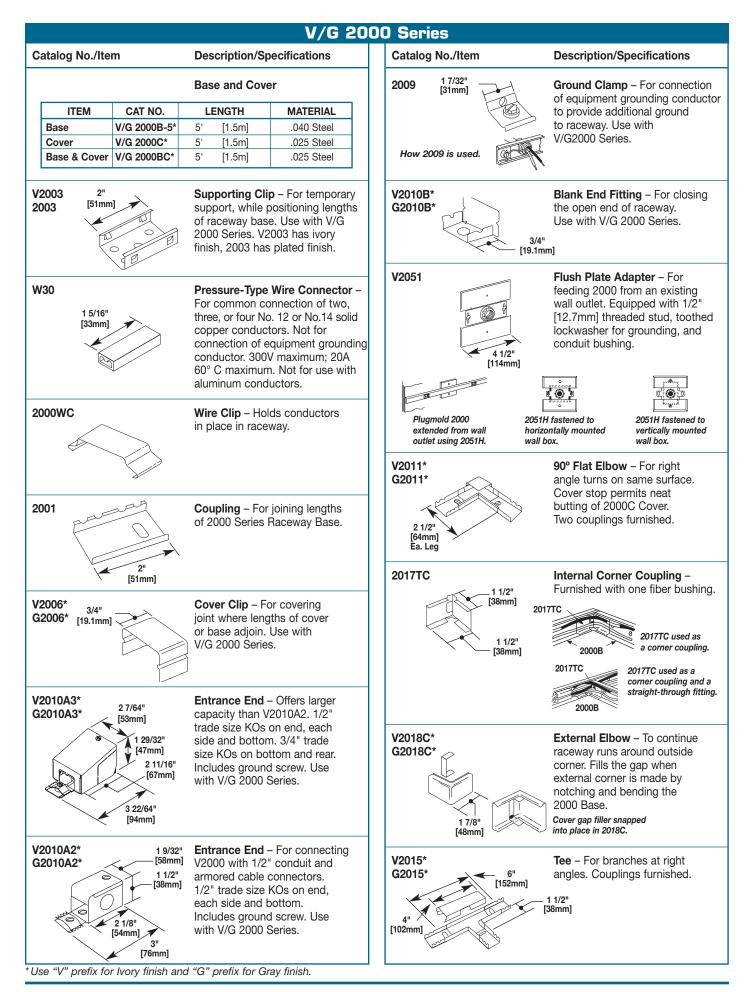
- Single- and dual-gang boxes available. Wire devices into the raceway system.
- Field replaceable surge module. Replaces the module, not a receptacle (NM2000 Series only).
- Customization available. All products can be modified to accommodate virtually any application.
- **2400 Backfeed.** Fitting helps installation over an existing wall box.
- Datacom connectivity options. Accepts industry standard and proprietary devices from a wide range of manufacturers to provide a seamless and aesthetically pleasing interface for voice, data, audio, and video applications at the point-of-use.
- UL and cUL Listed. Safety and reliability in the applications.
- cUL Listed 24S (2400) Series Plugmold. This 20A version is cUL Listed.

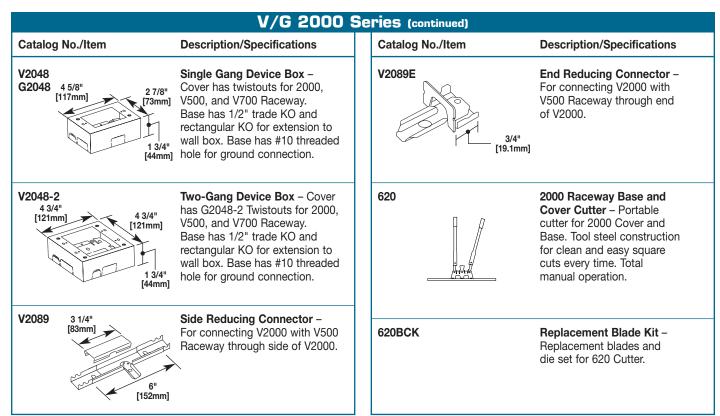


Plugmold Systems shown in typical applications.



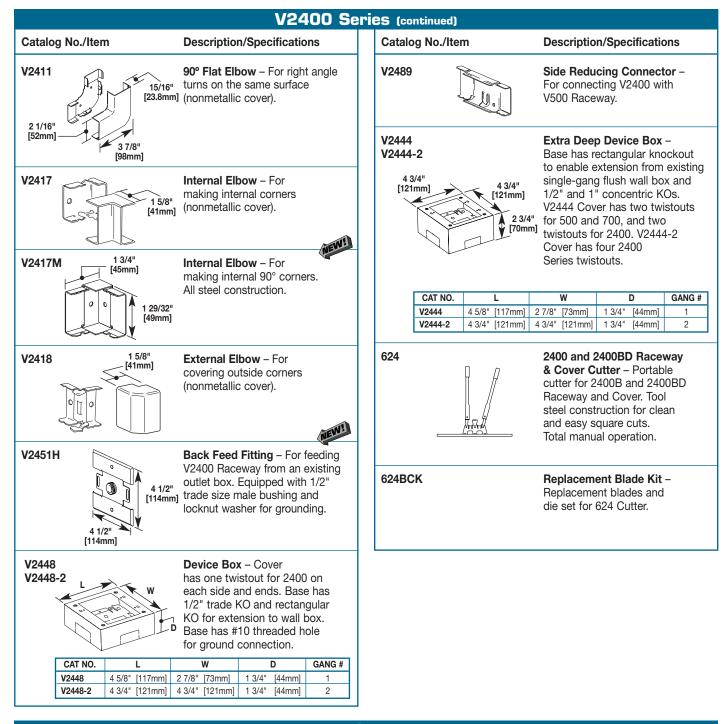




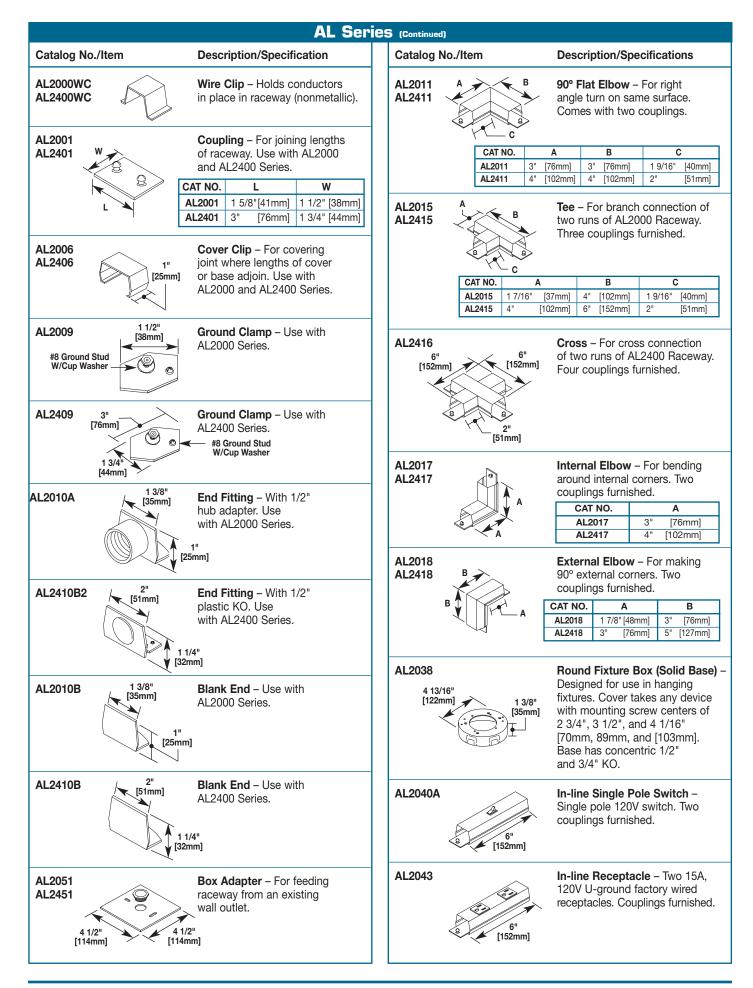


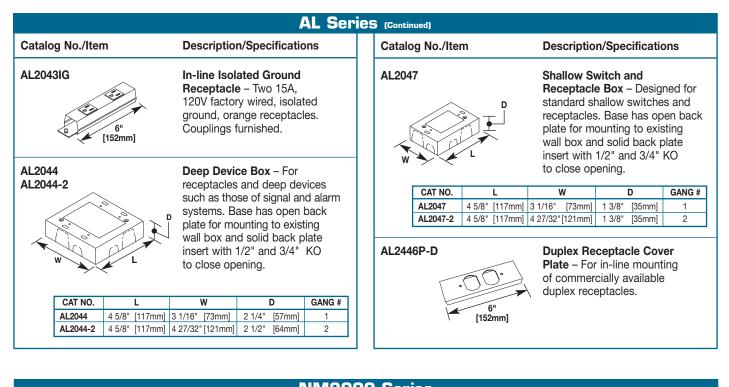
\* Use "V" prefix for Ivory finish and "G" prefix for Gray finish.

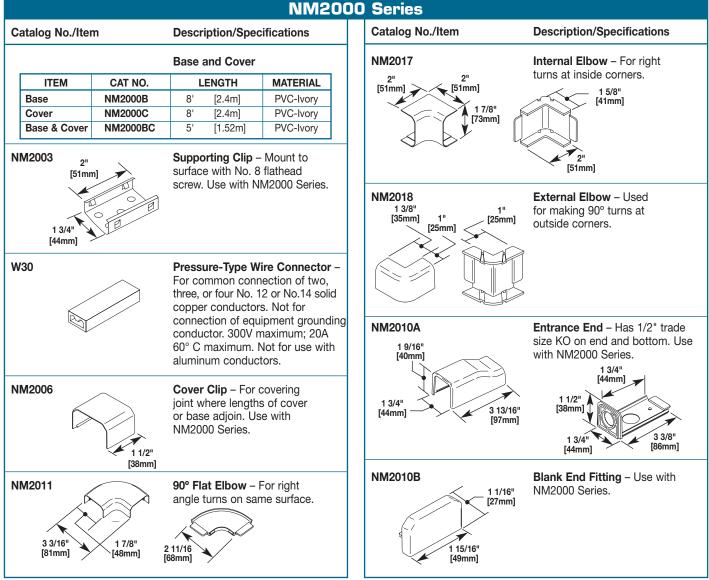
			V240	<b>)0 S</b>	eries	
Catalog No./Iten	n	Description/Sp	pecifications	C	Catalog No./Item	Description/Specifications
		Base and Cover			409	<b>Ground Clamp</b> – No. 10 ground screw provided.
ITEM	CAT NO.	LENGTH	MATERIAL			Use with V2400 Series.
Base	V2400B	5' [1.5m]	.040 Steel			
Cover	V2400C	5' [1.5m]	.040 Steel			1/2"
Base & Cover	V2400BC	5' [1.5m]	.040 Steel		< <u> </u>	12.7mm]
2401	2" [51mm] 0 0	<b>Coupling</b> – For lengths of race with V2400 Ser	way. Use		/2410A 1 5/8" 41mm] 1 3/16" [46mm]	Entrance End – For connecting 2" V2400 with 1/2" trade size conduit and armored cable. Use with V2400 Series.
2400WC		Wire Clip – Ho in place in race		V	2410B 1 3/16" [30mm]	Blank End – For closing open end of V2400 Series.
1 1/2" [38mm]		<b>Cover Clip</b> – Fo joint where leng or base adjoin. V2400 Series (r	oths of cover Use with	_ <b>v</b>	211/16" 17/8" [68mm] [48mm] 2 1/ [48mm] [48mm] 2 1/ [54m]	

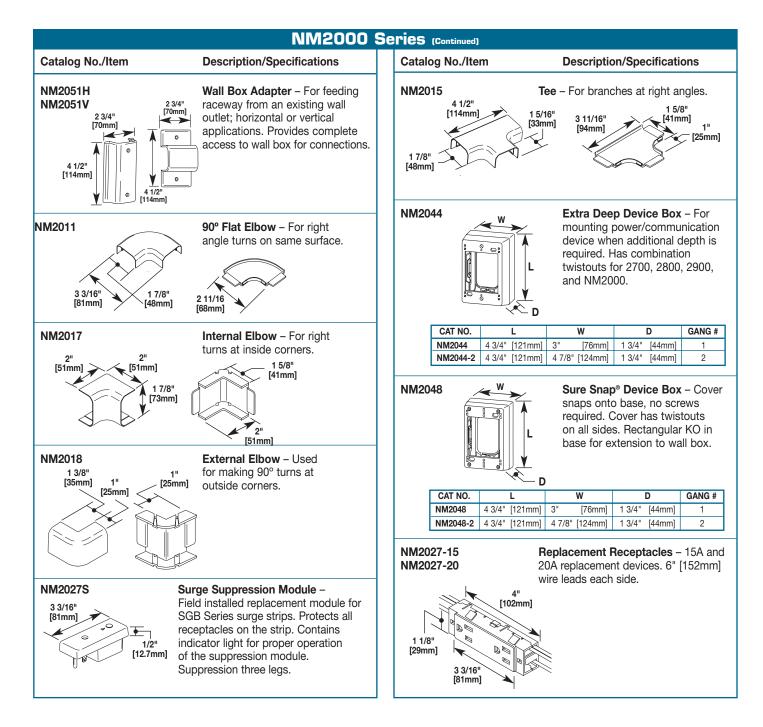


			AL	Series	
Catalog No./It	tem	Description/Sp	pecifications	Catalog No./Item	<b>Description/Specifications</b>
		Base and Cove	er	AL2003	Supporting Clip – Mount to surface with No. 8 flathead
ITEM	CAT NO.	LENGTH	MATERIAL		screws. Use with AL2000 Series.
Base	AL2000B-5	5' [1.5m]	.060 Aluminum	1 7/16" [37mm]	
Cover	AL2000C-5	5' [1.5m]	.060 Aluminum	[3/film]	
Base	AL2000B-10	10' [3.m]	.060 Aluminum	W30	Pressure-Type Wire Connector –
Base	AL2400B-5	5' [1.5m]	.060 Aluminum		For common connection of two,
Cover	AL2400C	5' [1.5m]	.060 Aluminum		three, or four No. 12 or No.14 solid
Base	AL2400B-10	10' [3.m]	.060 Aluminum		copper conductors. Not for connection of equipment grounding conductor. 300V maximum; 20A
					60° C maximum. Not for use with aluminum conductors.









	Specifications for Surge Modul	<b>e</b>						
Standards	UL recognized under the component program of UL Standard 1449, as defined by ANSI/NFPA 70-1990.							
Service Voltage	120Vrms nominal operating voltage.							
Maximum Continuous Operating Voltage	150Vrms.							
Suppression Voltage (Three Line Protection)	Complete surge protective device as assessed by UL:	Suppression Mode	UL1449 Suppression Voltage					
Actual let through voltage at 6kA 1.2/50µs, 500A, 8/20µs	340 Volts Peak L-N.	Line – Neutral	500V					
	No loss than 2014 individually between L.N. L.C.	Line – Ground	500V					
Maximum Single Withstand Surge Current	No less than 39kA individually between L-N, L-G, and N-G, based on the sum of the device components.	Neutral – Ground	500V					

# Wiring Configuration

## With Snapicoil

#### 

and 1 ground), 1 circuit; has

insulated grounding conductor.

3-wire, #12 THHN (1 hot, 1 neutral

**GB** Series:

**GBA Series:** 

4-wire, #12 THHN (2 hot, 1 neutral and 1 ground). 2 circuit: outlets wired alternately; has insulated grounding conductor.

arounding conductor. insulated grounding conductor. NOTE: SNAPICOIL REELS on custom order. Snapicoil 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: V20GB06R. Other outlet spacings available on custom order.

neutral and 1 ground), 1 circuit;

has insulated-isolated grounding

conductor. Orange receptacles.

3-wire, #12 THHN (1 hot, 1

IG Series:

neutral and 1 ground), 2 circuit;

outlets wired alternately; has

4-wire, #12 THHN (2 hot, 1

**GBA Series:** 

3-wire, #12 THHN (1 hot,

1 neutral and 1 ground),

1 circuit; has insulated

**GB** Series:

Receptacles are made from high impact thermoplastic. V2000 Plugmold is supplied with two (2) V2010B Blank End Fittings and (1) 2001 Base Coupling. NM2000 Plugmold strips are supplied with two (2) NM2010B Blank End Fittings.

			Plugmold N WIRING					
CATALOG NO.	LENGTH		CONFIG	OUTLETS CENTER DISTANCE QUANTITY				HOUSING
20GB306*	3'	[915mm]	GB	6"	[152mm]	6 Single	15A	Steel
AL20GB306	3'	[915mm]	GB	6"	[152mm]	6 Single	15A	Aluminum
AL20IG306	3'	[915mm]	IG	6"	[152mm]	6 Single	15A	Aluminum
24S3612GBX99IV	3'	[915mm]	GB	12"	[305mm]	3 Duplex	20A	Steel – Ivory
24S3612GBA99IV	3'	[915mm]	GBA	12"	[305mm]	3 Duplex	20A	Steel – Ivory
NM24GB412	4'	[1.2m]	GB	12"	[305mm]	4 Duplex	20A	PVC – Ivory
NM24GBA412	4'	[1.2m]	GBA	12"	[305mm]	4 Duplex	20A	PVC – Ivory
NM20GB412	4'	[1.2m]	GB	12"	[305mm]	4 Duplex	15A	PVC – Ivory
NM20GBA412	4'	[1.2m]	GBA	12"	[305mm]	4 Duplex	15A	PVC – Ivory
NM20IG412	4'	[1.2m]	IG	12"	[305mm]	4 Duplex	15A	PVC – Ivory
NM20SGB412	4'	[1.2m]	SGB-Surge	12"	[305mm]	3 Duplex	15A	PVC – Ivory
20GB506*	5'	[1.5m]	GB	6"	[152mm]	10 Single	15A	Steel
20GB512*	5'	[1.5m]	GB	12"	[305mm]	5 Single	15A	Steel
20GBA512*	5'	[1.5m]	GBA	12"	[305mm]	5 Single	15A	Steel
20IG512*	5'	[1.5m]	IG	12"	[305mm]	5 Single	15A	Steel
24S6012GBX99IV	5'	[1.5m]	GB	12"	[305mm]	5 Duplex	20A	Steel – Ivory
24S6012IGX99IV	5'	[1.5m]	IG	12"	[305mm]	5 Duplex	20A	Steel – Ivory
24S6012GBA99IV	5'	[1.5m]	GBA	12"	[305mm]	5 Duplex	20A	Steel – Ivory
AL20GB506	5'	[1.5m]	GB	6"	[152mm]	10 Single	15A	Aluminum
AL20GB512	5'	[1.5m]	GB	12"	[305mm]	5 Single	15A	Aluminum
AL20IG506	5'	[1.5m]	IG	6"	[152mm]	10 Single	15A	Aluminum
NM24GB512	5'	[1.5m]	GB	12"	[305mm]	5 Duplex	20A	PVC – Ivory
NM24GB530	5'	[1.5m]	GB	30"	[760mm]	2 Duplex	20A	PVC – Ivory
NM24GBA512	5'	[1.5m]	GBA	12"	[305mm]	5 Duplex	20A	PVC – Ivory
NM20GB512	5'	[1.5m]	GB	12"	[305mm]	5 Duplex	15A	PVC – Ivory
NM20GB515	5'	[1.5m]	GB	15"	[381mm]	4 Duplex	15A	PVC – Ivory
NM20GB530	5'	[1.5m]	GB	30"	[760mm]	2 Duplex	15A	PVC – Ivory
NM20GBA512	5'	[1.5m]	GBA	12"	[305mm]	5 Duplex	15A	PVC – Ivory
NM20IG512	5'	[1.5m]	IG	12"	[305mm]	5 Duplex	15A	PVC – Ivory
NM20SGB512	5'	[1.5m]	SGB-Surge	12"	[305mm]	4 Duplex	15A	PVC – Ivory

\* Use "V" prefix for Ivory finish and "G" prefix for Gray finish.

	Plugmold Multi Outlet Strip (Continued)										
CATALOG NO.	LENGTH	WIRING CONFIG	OUT CENTER DISTANCE	LETS QUANTITY	HOUSING						
20GB606*	6' [1.8m]	GB	6" [152mm]	12 Single 15A	Steel						
20GB609*	6' [1.8m]	GB	9" [229mm]	8 Single 15A	Steel						
20GB612*	6' [1.8m]	GB	12" [305mm]	6 Single 15A	Steel						
20GB618*	6' [1.8m]	GB	18" [457mm]	4 Single 15A	Steel						
20GBA609*	6' [1.8m]	GBA	9" [229mm]	8 Single 15A	Steel						
20GBA612*	6' [1.8m]	GBA	12" [305mm]	6 Single 15A	Steel						
20GBA618*	6' [1.8m]	GB	18" [457mm]	4 Single 15A	Steel						
20IG606*	6' [1.8m]	IG	6" [152mm]	12 Single 15A	Steel						
24S7212GBX99IV	6' [1.8m]	GB	12" [305mm]	6 Duplex 20A	Steel – Ivory						
24S7224GBA99IV	6' [1.8m]	GBA	24" [608mm]	3 Duplex 20A	Steel – Ivory						
24S7218GBX99IV	6' [1.8m]	GB	18" [457mm]	4 Duplex 20A	Steel – Ivory						
24S7224GBX99IV	6' [1.8m]	GB	24" [608mm]	5 Duplex 20A	Steel – Ivory						
24S7218IGX99IV	6' [1.8m]	IG	18" [457mm]	4 Duplex 20A	Steel – Ivory						
24S7212IGX99IV	6' [1.8m]	IG	12" [305mm]	6 Duplex 20A	Steel – Ivory						
24S7224IGX99IV	6' [1.8m]	IG	24" [608mm]	3 Duplex 20A	Steel – Ivory						
24S7212GBA99IV	6' [1.8m]	GBA	12" [305mm]	6 Duplex 20A	Steel – Ivory						
24S7218GBA99IV	6' [1.8m]	GBA	18" [457mm]	4 Duplex 20A	Steel – Ivory						
AL20GB606	<mark>6'</mark> [1.8m]	GB	6" [152mm]	12 Single 15A	Aluminum						
AL20GB612	6' [1.8m]	GB	12" [305mm]	6 Single 15A	Aluminum						
AL20GB618	6' [1.8m]	GB	18" [457mm]	4 Single 15A	Aluminum						
AL20GBA606	6' [1.8m]	GBA	6" [152mm]	12 Single 15A	Aluminum						
AL20GBA612	6' [1.8m]	GBA	12" [305mm]	6 Single 15A	Aluminum						
AL20GBA618	6' [1.8m]	GBA	18" [457mm]	4 Single 15A	Aluminum						
AL20IG606	6' [1.8m]	IG	6" [152mm]	12 Single 15A	Aluminum						
AL20IG618	6' [1.8m]	IG	18" [457mm]	4 Single 15A	Aluminum						
NM24GB612	6' [1.8m]	GB	12" [305mm]	6 Duplex 20A	PVC-Ivory						
NM24GB618	6' [1.8m]	GB	18" [457mm]	4 Duplex 20A	PVC-Ivory						
NM24GBA612	6' [1.8m]	GBA	12" [305mm]	6 Duplex 20A	PVC-Ivory						
NM20GB609 NM20GB612	6' [1.8m] 6' [1.8m]	GB GB	9" [229mm] 12" [305mm]	8 Duplex 15A 6 Duplex 15A	PVC-Ivory PVC-Ivory						
NM20GB612 NM20GB618	6' [1.8m] 6' [1.8m]	GB	12 [305mm] 18" [457mm]	4 Duplex 15A	PVC-Ivory PVC-Ivory						
NM20GBA609	6' [1.8m]	GBA	9" [229mm]	8 Duplex 15A	PVC-Ivory PVC-Ivory						
NM20GBA612	6' [1.8m]	GBA	12" [305mm]	6 Duplex 15A	PVC-Ivory						
NM20IG612	6' [1.8m]	IG	12" [305mm]	6 Duplex 15A	PVC-Ivory						
NM20SGB612	6' [1.8m]	SGB-Surge	12" [305mm]	5 Duplex 15A	PVC-Ivory						
NM20SGB618	6' [1.8m]	SGB-Surge	18" [457mm]	3 Duplex 15A	PVC-Ivory						

\* Use "V" prefix for Ivory finish and "G" prefix for Gray finish. Outlets match raceway finish.

Plugmold with Snapicoil Harness											
CATALOG NO.	LENGTH	WIRING CONFIG	OUTLETS (15A 120V N CENTER DISTANCE		HOLE CU QUANTITY	HOUSING					
20GB12*	48'	GB	12" [305mm]	48 Single	8	6' [1.8m]	Steel				
20GB18*	48'	GB	18" [457mm]	32 Single	8	6' [1.8m]	Steel				
V20GB30	50'	GB	30" [760mm]	20 Single	10	5' [1.5m]	Steel-Ivory				
NM20GB12	48'	GB	12" [152mm]	24 Duplex	8	6' [1.8m]	PVC-Ivory				
20GBA12*	48'	GBA	12" [305mm]	48 Single	8	6' [1.8m]	Steel				
NM20GBA12	48'	GBA	12" [305mm]	24 Duplex	8	6' [1.8m]	PVC-Ivory				

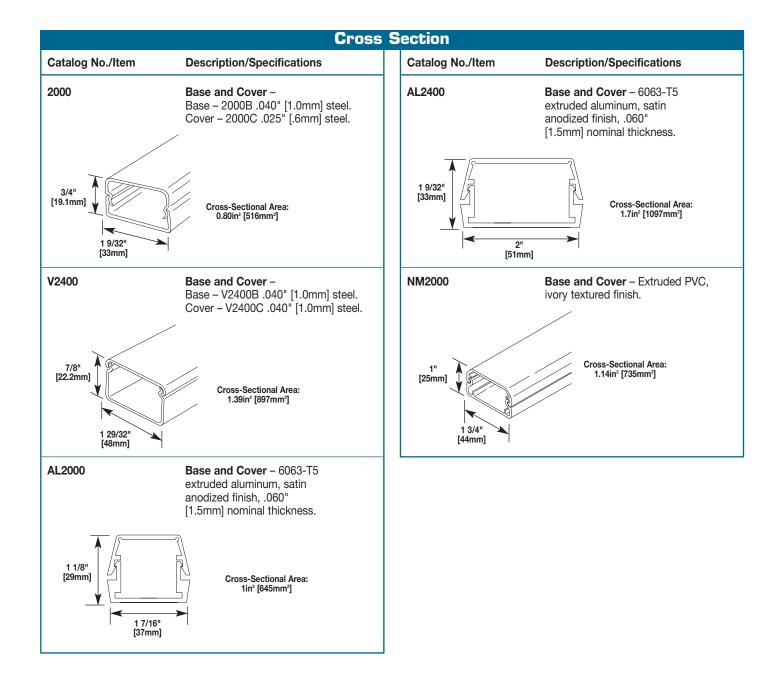
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	Cord-Ended Plugmold Series											
CAT NO.	UNIT LENGTH	OUTLETS QUANTITY	CORD S	ET LENGTH	TYPE	SWITCH	CIRCUIT BREAKER	HOUSING				
NM20-C3	3' [.92m]	3 Duplex	6'	[1.8m]	14/3 SJT	Yes	Yes	PVC-Ivory				
20-C2*	3' 4" [1m]	6 Single	6'	[1.8m]	12/3 SJT	No	Yes	Steel				
NM20-C4	4' [1.2m]	4 Duplex	6'	[1.8m]	14/3 SJT	Yes	Yes	PVC-Ivory				
NM20-C5 NM20-C6	5' [1.5m] 6' [1.8m]	5 Duplex 6 Duplex	6' 6'	[1.8m] [1.8m]	14/3 SJT 14/3 SJT	Yes Yes	Yes Yes	PVC-Ivory PVC-Ivory				

\* Use "V" prefix for lvory finish and "G" prefix for Gray finish.

Wire Fill Capacities for Power											
CABLE TYPE	WIRE SIZE THHN/THWN	C Inches	NUMBER OF V2400	CONDUCTO NM2000	RS (40% FIL AL2000	L) AL2400					
POWER WIRING WITHOUT DEVICES	8 AWG 10 AWG 12 AWG 14 AWG	0.216 0.166 0.130 0.111	[5.5] [4.2] [3.3] [2.8]	- - 7* 7*	_ 26 41 57	_ 15 31 45	12 24 38 51	18 37 58 78			
POWER WIRING WITH DEVICES (PLUGMOLD)	8 AWG 10 AWG 12 AWG 14 AWG	0.218 0.153 0.122 0.105	[5.5] [3.9] [3.1] [2.7]	- - 5* 5*	2 6 10 -	- - 8** 8**	- 3 6 8	4 8 12 16			

\*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.



# **Datacom Connectivity Options**

Now you have a wide range of options for providing datacom connectivity into Wiremold® Cable Management Systems. They are:

- Ortronics<sup>®</sup> TracJack<sup>®</sup> and Series II Modular Connectivity Solutions
- Pass & Seymour Activate<sup>™</sup> Modular Inserts
- Open System Communication Modules

Use these icons to determine connectivity options for each Wiremold System component:

# **Ortronics®** Connectivity

#### TracJack<sup>®</sup> Individual Jack System

- Front-loading, snap-in design supports future moves adds and changes
- Inserts for voice, data, audio, and video
- Available Category 3, 5e, 6, USOC 6-position, and other media
- Flat or angled 45° exit configurations
- · Choice of 13 colors and color matched to Wiremold Systems
- Universal T568A/B wiring format

### Series II Front-Loading, Module System

- Module design features easy snap-in front-loading design
- Linear 110 punch down format for easy termination
- · Inserts for voice, data, audio, and video
- Available Category 3, 5e, 6, USOC 6-position, and other media
- Available in flat or angled 45° exit configurations
- Color matched to Wiremold Systems

### For detailed product selection refer to the Ortronics Catalog or visit www.ortronics.com.

# **Pass & Seymour Legrand Network Wiring**

#### Activate<sup>™</sup> Series Front-Loading Inserts

- · Modular inserts for voice, data, audio and video applications
- Front-load, snap-in design
- Color and texture matched to Wiremold Systems
- Available Category 3, 5e, 6, as well as 6-position USOC
- Universal T568A/B wiring format

#### For detailed product selection refer to the Pass & Seymour Network Wiring Catalog or visit www.passandseymour.com.

# **Open Connectivity Solutions**

### Wiremold Open System Communications Modules

- Accommodate a wide range of manufacturers' communications outlets including keystone jacks, as well as proprietary solutions from Avaya (Lucent) and NORDX
- · Modules insert into a wide range of Wiremold Systems
- Pre-punched faceplates accept common communication devices

NOTE: For more information on integrating connectivity into Wiremold Cable Management Systems contact the Wiremold Applications Engineering Team or your local Wiremold Sales Representative.

60 Woodlawn Street • West Hartford, CT 06110

570 Applewood Crescent • Vaughan, Ontario L4K 4B4

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Wiremold / Legrand

U.S. and International:

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