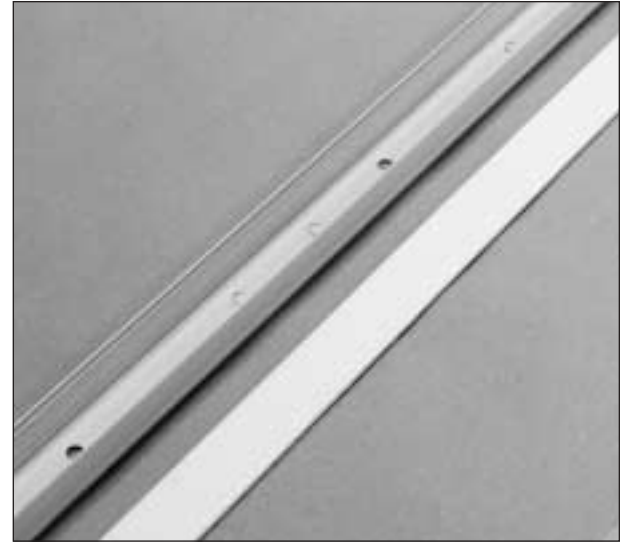


### Two-Piece Surface Raceway



The V2100 Series Steel Raceway provides wiring capacities for small to medium size installations. Power or Data/Communication Devices can be wired into the raceway satisfying aesthetic and functional requirements. V2100 is painted ivory and has a ScuffCoat™ scratch resistant finish. The large selection of fittings and boxes ensures flexible solutions for a broad range of wiring and communication cable needs.



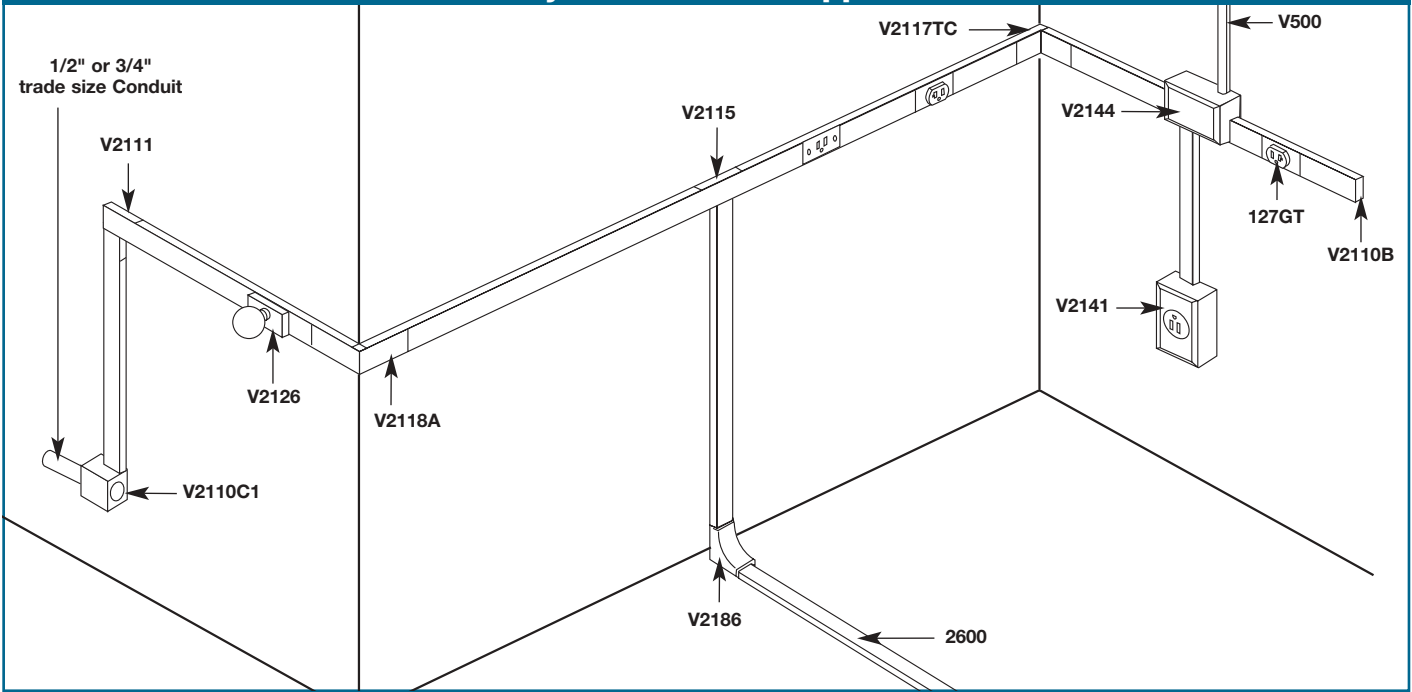
V2100 Raceway  
and Cover.

#### Features & Benefits

- **Completely field-wired raceway.** Receptacles, switches, and other devices can be installed at any point in the run.
- **Removable cover.** Allows easy access to wiring for changes and additions.
- **Ivory ScuffCoat finish.** Tough, durable ivory ScuffCoat finish blends with decor and makes a scratch resistant surface.
- **V2100 Base and Cover cutters.** Manually operated cutters are both lightweight and portable. Cutters offer labor savings for any size job while maintaining a factory clean and square cut.
- **Full line of fittings.** Provides a complete installation and interconnection to existing wiring or other raceways. Minimizes inventory requirements of installer.
- **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.
- **UL5 and ADA compliant.** Raceway and fittings meet UL5 specifications and can be installed in conformance with ADA requirements.



## 2100 System Product Applications

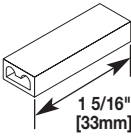
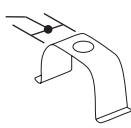
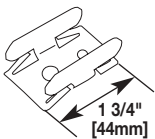
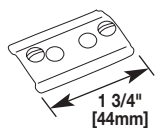
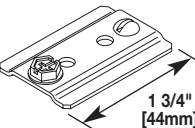
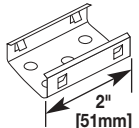
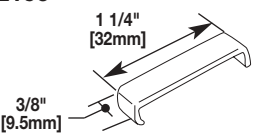
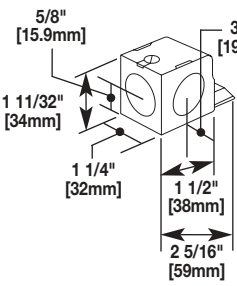
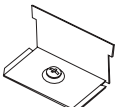
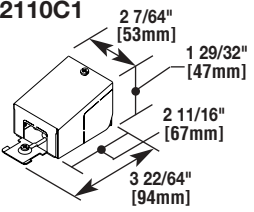
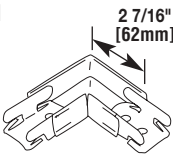
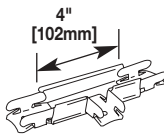
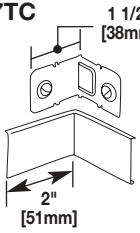
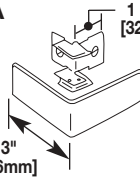
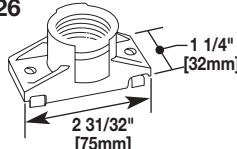
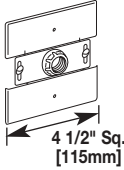
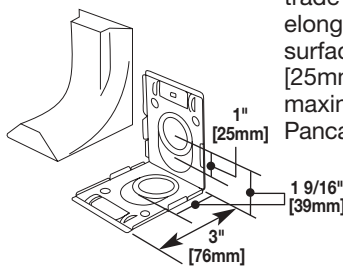


**NOTE:** Illustration is for showing product applications only.

### V2100 Base and Blank Cover

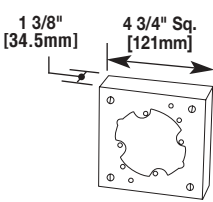
Catalog No./Item	Description/Specifications	Catalog No./Item	Image	Description/Specifications
<b>V2100B</b> 	<b>Base</b> – .040" [1mm] steel. Packed (ten) 10 ft. [3.05m] lengths per carton. Base has 1/2 trade size KOs and screw piercings on approx. 8" [203mm] centers, and mounting screw KOs on approx. 2" [51mm] centers.	<b>621</b>		<b>2100 Raceway Base &amp; Cover Cutter</b> – Portable cutter for 2100 Cover and Base. Tool steel construction for clean and easy square cuts. Use Cat. No. 612BCK for replacement blade for 621.
<b>V2100CA</b> 	<b>Cover</b> – .040" [1mm] steel. Packed (20) 5 ft. [1.5m] lengths per carton. Unscored.			

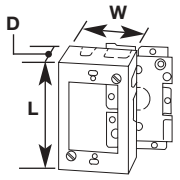
## V2100 Raceway Fittings

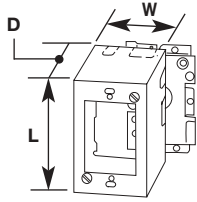
Catalog No./Item	Description/Specifications																	
<b>W30</b> 	<b>Pressure Type Wire Connector</b> – For connecting two, three, or four No. 12 or No. 14 solid copper conductors. 300V maximum. Not for connection with equipment ground conductor. 1 5/16" [33mm]																	
<b>2100WC</b> 1/2" [12.7mm] 	<b>Wire Clip (Plated)</b> – For holding conductors in place.																	
<b>2101</b> 	<b>Coupling (Galvanized Steel Unpainted)</b> – For joining lengths of 2100. 1 3/4" [44mm]																	
<b>2101A</b> 	<b>Rigid Coupling (Galvanized Steel Unpainted)</b> – Provides additional rigidity in joining raceways. Set screws included. 1 3/4" [44mm]																	
<b>2109</b> 	<b>Ground Clamp</b> – For connecting equipment grounding conductor. 1 3/4" [44mm]																	
<b>2003</b> 	<b>Supporting Clip (Plated)</b> – For supporting lengths of 2000 or 2100 at any point. Use No. 6 flathead screw to mount. 2" [51mm]																	
<b>V2106</b> 	<b>Cover Clip</b> – For covering seam when joining 2100 cover, not squarely cut. Not UL Listed. 1 1/4" [32mm] 3/8" [9.5mm]																	
<b>V2110A</b> 	<b>Entrance End Fitting</b> – For connecting 2100 with 1/2" conduit and armored cable connectors. 1/2 trade size KO on all sides except top. 5/8" [15.9mm] 1 11/32" [34mm] 1 1/4" [32mm] 1 1/2" [38mm] 2 5/16" [59mm] 3/4" [19mm]																	
<b>V2110B</b> 	<b>Blank End Fitting</b> – For closing open end of 2100 Raceway.																	
<b>V2110C1</b> 	<b>Entrance End Fitting</b> – Has 1/2 and 3/4 concentric trade size KOs on end and bottom. 1/2 KO on sides. 2 7/64" [53mm] 1 29/32" [47mm] 2 11/16" [67mm] 3 22/64" [94mm]																	
<b>V2111</b> 	<b>90° Flat Elbow</b> – For right angle turns on same surface. Couplings furnished. 2 7/16" [62mm]																	
<b>V2115</b> 	<b>Tee</b> – For branches at right angles. Couplings furnished. 4" [102mm]																	
<b>V2117TC</b> 	<b>Internal Corner Coupling</b> – For internal 90° runs. 1 1/2" [38mm] 2" [51mm]																	
<table border="1" style="margin: auto;"> <thead> <tr> <th rowspan="2">Type</th> <th colspan="5">Size AWG</th> </tr> <tr> <th>#6</th> <th>#8</th> <th>#10</th> <th>#12</th> <th>#14</th> </tr> </thead> <tbody> <tr> <td>THHN, THWN</td> <td>3</td> <td>4</td> <td>7</td> <td>10</td> <td>14</td> </tr> </tbody> </table> <p><i>Wire capacity when used as a straight through fitting.</i></p>		Type	Size AWG					#6	#8	#10	#12	#14	THHN, THWN	3	4	7	10	14
Type	Size AWG																	
	#6	#8	#10	#12	#14													
THHN, THWN	3	4	7	10	14													
<b>V2118A</b> 	<b>External Corner Coupling</b> – For surfaces at right angles. 1 1/4" [32mm] 3" [76mm]																	
<b>2126</b> 	<b>Keyless Socket</b> – Medium base lamp holder 660W, 250V. Black general purpose phenolic. 1 1/4" [32mm] 2 31/32" [75mm]																	
<b>V2051H</b> 	<b>Back Feed Fitting</b> – For feeding V2100 Raceway from an existing outlet box. Equipped with 1/2" trade size male bushing and lock nut washer for grounding. 4 1/2" Sq. [115mm]																	
<b>2686FO</b> 	<b>Adjustable Offset Connector</b> – Eliminates offsetting V2100 in connecting with surface panel boxes. Has 3/4 and 1 concentric trade size KOs with 1 KO elongated so adjustment from surface to center of bushing is 1" [25mm] minimum to 1 5/8" [41mm] maximum. Has twistouts for Pancake 2600. Cover is nonmetallic. 1" [25mm] 1 9/16" [39mm] 3" [76mm]																	

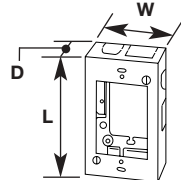
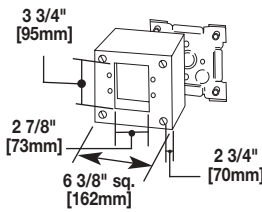
\*Larger gangs available, consult factory.

## V2100 Raceway Boxes

Catalog No./Item	Description/Specifications
<b>V2135</b> 	<b>Distribution Box</b> – Accommodates two parallel V2100 runs on two opposite sides and V2100 runs and either 500 or 700 on the other two sides. Base has five 1/2 trade size KOs. Cover takes devices with mounting screw centers of 2 3/4", 3 1/2", or 4 1/16" [70, 89 or 104mm], and canopy fixtures smaller than 4 5/8" [118mm] dia.

Catalog No./Item	Description/Specifications															
<b>V2141/2141-2*†</b>  <ul style="list-style-type: none"> <li>• Supports NEMA Faceplates</li> </ul>	<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tr><td style="text-align: center;">ORT</td></tr> <tr><td style="text-align: center;">P&amp;S</td></tr> <tr><td style="text-align: center;">OPEN</td></tr> </table> <b>Switch and Receptacle Box</b> – For shallow type switches (three-way, single, and double pole) and receptacles, including three-wire locking receptacles. Base has 1/2" trade size KO. Cover has 2100 and 5700 twistouts on each side and end.	ORT	P&S	OPEN												
ORT																
P&S																
OPEN																
<table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAT. NO.</th> <th>L.</th> <th>W.</th> <th>D.</th> <th>GANG #</th> </tr> </thead> <tbody> <tr> <td>V2141</td> <td>4 5/8" [118mm]</td> <td>2 7/8" [73mm]</td> <td>1 3/8" [35mm]</td> <td>1</td> </tr> <tr> <td>V2141-2</td> <td>4 3/4" [121mm]</td> <td>4 3/4" [121mm]</td> <td>1 3/8" [35mm]</td> <td>2</td> </tr> </tbody> </table>	CAT. NO.	L.	W.	D.	GANG #	V2141	4 5/8" [118mm]	2 7/8" [73mm]	1 3/8" [35mm]	1	V2141-2	4 3/4" [121mm]	4 3/4" [121mm]	1 3/8" [35mm]	2	
CAT. NO.	L.	W.	D.	GANG #												
V2141	4 5/8" [118mm]	2 7/8" [73mm]	1 3/8" [35mm]	1												
V2141-2	4 3/4" [121mm]	4 3/4" [121mm]	1 3/8" [35mm]	2												

Catalog No./Item	Description/Specifications															
<b>V2144/2144-2*†</b>  <ul style="list-style-type: none"> <li>• Supports NEMA Faceplates</li> </ul>	<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tr><td style="text-align: center;">ORT</td></tr> <tr><td style="text-align: center;">P&amp;S</td></tr> <tr><td style="text-align: center;">OPEN</td></tr> </table> <b>Extra Deep Switch and Receptacle Box</b> – To accept switches and receptacles up to 30A rating. Base has 1/2 trade size KO. Cover has 2100 and 5700 twistouts on each side and end. <p><b>NOTE:</b> For 50 or 60 amp devices, use V3044-2.</p>	ORT	P&S	OPEN												
ORT																
P&S																
OPEN																
<table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAT. NO.</th> <th>L.</th> <th>W.</th> <th>D.</th> <th>GANG #</th> </tr> </thead> <tbody> <tr> <td>V2144</td> <td>4 5/8" [118mm]</td> <td>2 7/8" [73mm]</td> <td>2 3/4" [70mm]</td> <td>1</td> </tr> <tr> <td>V2144-2</td> <td>4 3/4" [121mm]</td> <td>4 3/4" [121mm]</td> <td>2 3/4" [70mm]</td> <td>2</td> </tr> </tbody> </table>	CAT. NO.	L.	W.	D.	GANG #	V2144	4 5/8" [118mm]	2 7/8" [73mm]	2 3/4" [70mm]	1	V2144-2	4 3/4" [121mm]	4 3/4" [121mm]	2 3/4" [70mm]	2	
CAT. NO.	L.	W.	D.	GANG #												
V2144	4 5/8" [118mm]	2 7/8" [73mm]	2 3/4" [70mm]	1												
V2144-2	4 3/4" [121mm]	4 3/4" [121mm]	2 3/4" [70mm]	2												

Catalog No./Item	Description/Specifications															
<b>V2151/2151-2*†</b>  <ul style="list-style-type: none"> <li>• Supports NEMA Faceplates</li> </ul>	<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tr><td style="text-align: center;">ORT</td></tr> <tr><td style="text-align: center;">P&amp;S</td></tr> <tr><td style="text-align: center;">OPEN</td></tr> </table> <b>Flush Type Extension Adapter</b> – For extending from existing flush switch and receptacle outlets. Cover has V2100 and 5700 twistouts on each side and end.	ORT	P&S	OPEN												
ORT																
P&S																
OPEN																
<table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>CAT. NO.</th> <th>L.</th> <th>W.</th> <th>D.</th> <th>GANG #</th> </tr> </thead> <tbody> <tr> <td>V2151</td> <td>4 5/8" [118mm]</td> <td>2 7/8" [73mm]</td> <td>1 3/8" [35mm]</td> <td>1</td> </tr> <tr> <td>V2151-2</td> <td>4 3/4" [121mm]</td> <td>4 3/4" [121mm]</td> <td>1 3/8" [35mm]</td> <td>2</td> </tr> </tbody> </table>	CAT. NO.	L.	W.	D.	GANG #	V2151	4 5/8" [118mm]	2 7/8" [73mm]	1 3/8" [35mm]	1	V2151-2	4 3/4" [121mm]	4 3/4" [121mm]	1 3/8" [35mm]	2	
CAT. NO.	L.	W.	D.	GANG #												
V2151	4 5/8" [118mm]	2 7/8" [73mm]	1 3/8" [35mm]	1												
V2151-2	4 3/4" [121mm]	4 3/4" [121mm]	1 3/8" [35mm]	2												
<b>V3044-2+</b> 	<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tr><td style="text-align: center;">ORT</td></tr> <tr><td style="text-align: center;">P&amp;S</td></tr> <tr><td style="text-align: center;">OPEN</td></tr> </table> <b>Extra Deep Switch and Receptacle Box</b> – Two-gang. For standard 30, 50, and 60A receptacles or deeper communication devices. Two sides of cover have twistouts for 3000 and V2100.	ORT	P&S	OPEN												
ORT																
P&S																
OPEN																

\*Larger gangs available, consult factory.

†Add CV prefix to denote Canadian version with ivory finish. Agency approval for sale in Canada.

### 2100 Raceway Wire Fill Capacities for Power \*

WIRE SIZE THHN/THWN	O.D. Inches [mm]		NUMBER OF CONDUCTORS (40% FILL)		
			WITHOUT DEVICES	WITH 2127G RECEPTACLE	WITH 2127GA, GB AND GT RECEPTACLE
14 AWG	0.111	[2.8]	34	4	9
12 AWG	0.130	[3.3]	25	3	6
10 AWG	0.164	[4.2]	15	2	4
8 AWG	0.216	[5.5]	9	-	-
6 AWG	0.254	[6.5]	6	-	-

\*For additional information, refer to section T1 of the Buyer's Guide.

### 2100 Raceway Cable Fill Capacities for Data/Communication \*

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		20% FILL	40% FILL
		Inches	[mm]		
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG Cat. 3 UTP	0.190	[4.8]	5	11
	4-pair, 24 AWG Cat. 5e UTP	0.210	[5.3]	4	9
	4-pair, 24 AWG Cat. 6 UTP	0.250	[6.3]	3	6
TELEPHONE	2-pair, 24 AWG	0.140	[3.6]	10	21
	3-pair, 24 AWG	0.150	[3.8]	9	19
	4-pair, 24 AWG	0.190	[4.8]	5	11
	25-pair, 24 AWG	0.410	[10.4]	1	2
COAXIAL	RG58/U	0.195	[5.0]	5	11
	RG59/U	0.242	[6.1]	3	7
	RG62/U	0.242	[6.1]	3	7
	RG6/U	0.270	[6.9]	2	5
TWINAXIAL	100 Ohm	0.330	[8.4]	1	3
SHIELDED TWISTED PAIR	TYPE 1	0.390	[9.9]	1	2
	TYPE 2	0.465	[11.8]	0	1
	TYPE 3	0.245	[6.2]	3	7
FIBER	Mini ZipCord	0.079 x 0.157	[2 x 4]	13	27
	ZipCord	0.118 x 0.236	[3 x 6]	6	12
	Round 4 Strand	0.187	[4.8]	6	12
	Round 6 Strand	0.256	[6.5]	3	6

\*Capacity range is calculated at 20% to 40% of raceway area as stated in a proposed revision to the Commercial Building Standard for Telecommunication Pathways & Spaces, TIA/EIA-569. Actual wire fill capacity may vary based on applications, cable types, and number, as well as type of fittings. (Fittings may cause additional variances to the fill capacity.)





# Datacom Connectivity Options

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

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

ORT	ORT	ORT
P&S	P&S	P&S
OPEN	OPEN	OPEN

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

ORT
P&S
OPEN

## Ortronics® Connectivity

### TracJack® 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](http://www.ortronics.com).

ORT
P&S
OPEN

## Pass & Seymour Legrand Network Wiring

### Activate™ 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](http://www.passandseymour.com).

ORT
P&S
OPEN

## 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.

# WIREMOLD



#### Wiremold / Legrand

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1-800-621-0049 • FAX 860-232-2062 • Outside U.S. 860-233-6251

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570 Applewood Crescent • Vaughan, Ontario L4K 4B4

1-800-723-5175 • FAX 905-738-9721

