

40N2 & 60N2 Series Nonmetallic Raceway Systems



The 40N2 and 60N2 Series Raceways from The Wiremold Company provide wire and cable management for data, voice, video, and power applications. For school and office applications, these aesthetic solutions provide flexibility and accessibility to wire and cable.



60N2 Series Raceway featuring 60N2F32 and 40N2F31 Device Brackets in a classroom application.

Features & Benefits

- **FiberReady® 2" [51mm] fittings.** The FiberReady Series of fittings snap on to overlap raceway base and cover for an aesthetic installation. Fittings are cULus verified for a 2" [51mm] bend radius and exceed the recommendations of TIA/EIA-569. They provide cable protection in lay-in and pull-through cable installations.
- **Twin covers for 60N2 Series.** Complete segregation of access to power and low voltage services for installation flexibility.
- **New transition fitting options.** Used to transition to PN and PN20 Series Raceways. 
- **Made of PVC material.** Lightweight and easy to cut.
- **High capacity device box options.** 40N2F55 and 60N2F55 C-Boxes allows both power and data devices to be installed in the power channel, greatly increasing cable fill capacity for data cabling in data channel.
- **Ivory and white finish.** Blends with any decor. Paintable using latex paint.
- **Corner drop feed.** Provides solution for feeding horizontal runs of raceway.
- **Extremely tamper-resistant.** Perfect for school applications or anywhere additional security is a priority.
- **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.
- **Listed:** 

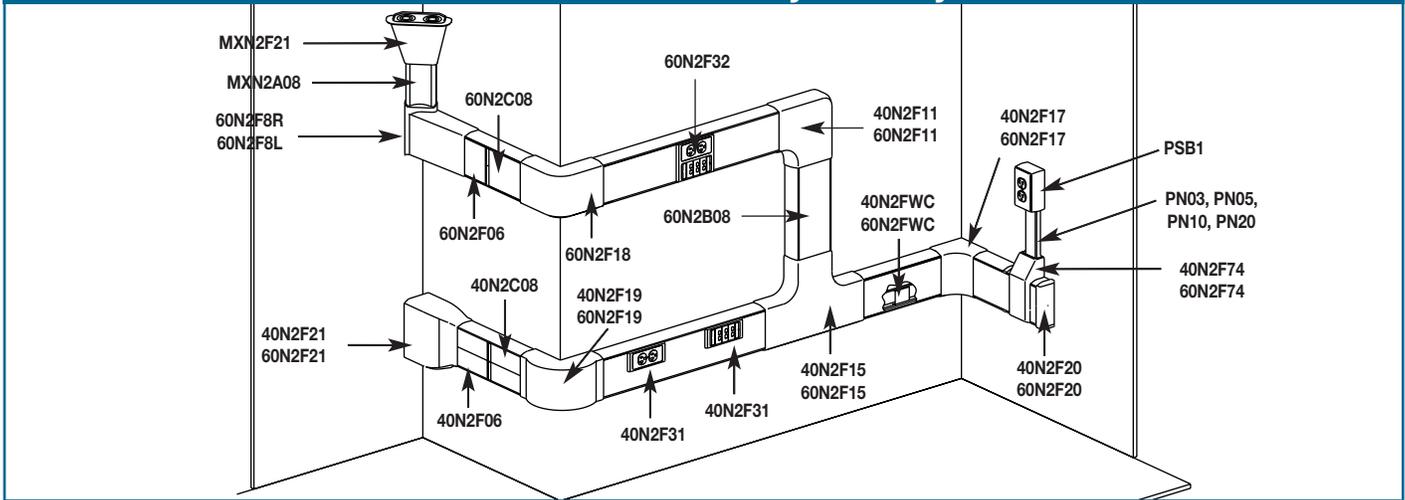


60N2 Series Raceway featuring 40N2F31 Device Bracket and 60N2F55 Offset C-Box.



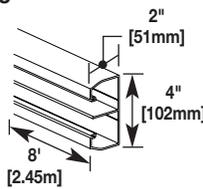
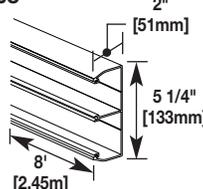
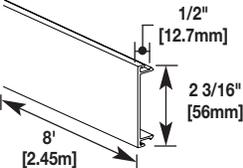
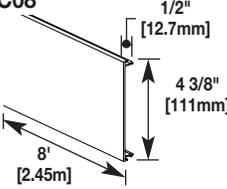
40N2 Series Raceway featuring 40N2F31 Device Bracket.

40N2 & 60N2 Series System Layout

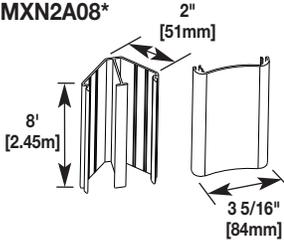
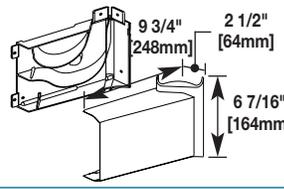
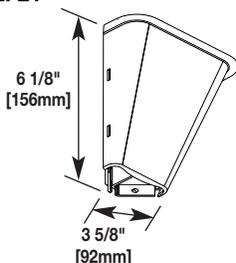
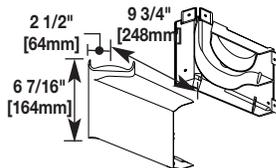


NOTE: Illustration is for showing product applications only.

40N2 and 60N2 Series Raceways

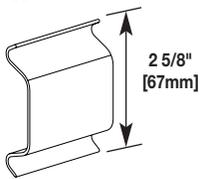
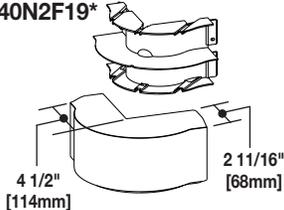
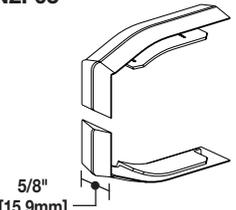
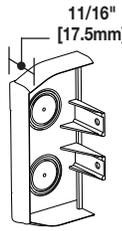
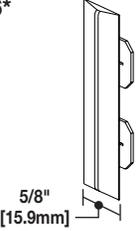
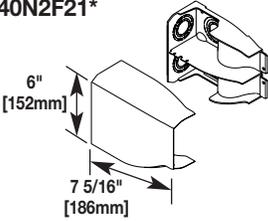
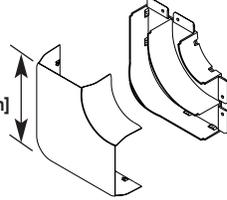
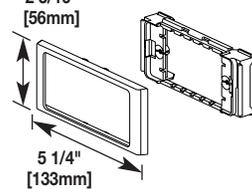
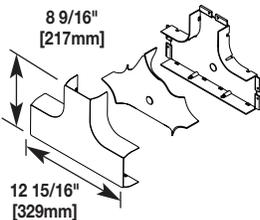
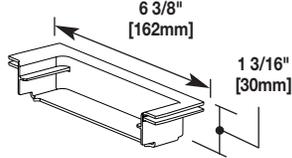
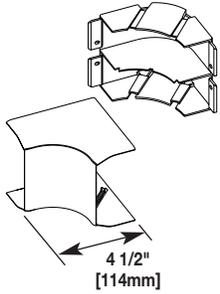
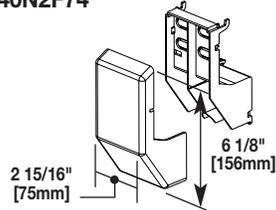
Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
40N2B08* 	Two-Compartment Base – Two equal compartments. Use with 40N2 Cover only.	60N2B08* 	Two-Compartment Base – Base accepts 40N2 or 60N2 Cover.
40N2C08* 	Cover – Use with 40N2 or 60N2 Base. Order cover for each compartment when used with 60N2B08.	60N2C08* 	Full Width Cover – Use with 60N2 Base.

MXN Series Raceway & Fittings

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
MXN2A08* 	Corner Drop Raceway Base and Cover – Used as a vertical corner feed drop to horizontal runs of 5400 Series and 60N2 Series Raceways.	60N2F8L* 	Transition Fitting – For transitioning from MXN2A08 Corner Drop to a horizontal run of 60N2 Series Raceway to the left.
MXN2F21* 	Entrance End Fitting – For feeding corner drop raceway from larger conduits. Has concentric 3/4", 1", and 1 1/2" trade size KOs.	60N2F8R* 	Transition Fitting – For transitioning from MXN2A08 Corner Drop to a horizontal run of 60N2 Series Raceway to the right.

*Add "V" suffix for Ivory or "WH" suffix for White finish.

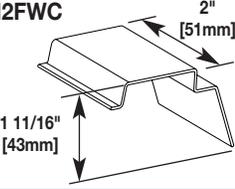
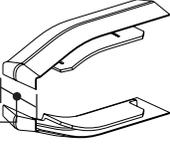
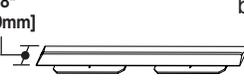
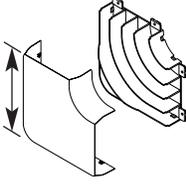
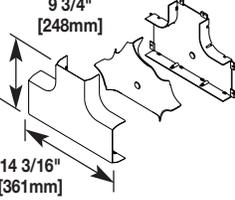
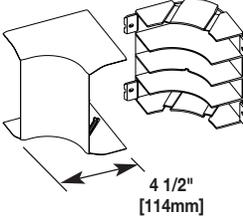
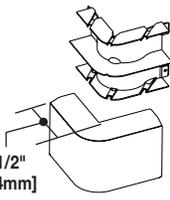
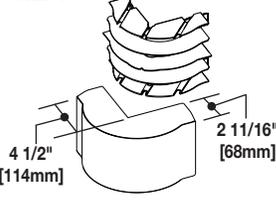
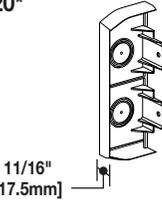
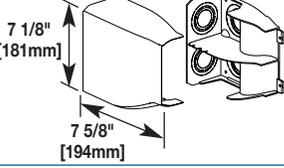
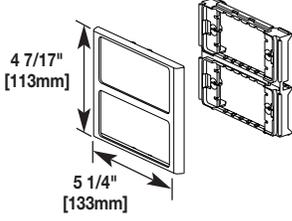
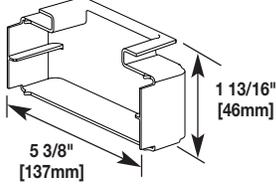
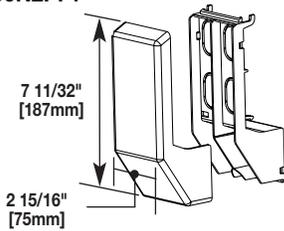
40N2 Series Raceway Fittings

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
40N2FWC  <p>2 5/8" [67mm]</p>	Wire Clip – Use to retain cables in raceway during installation.	40N2F19*  <p>4 1/2" [114mm] 2 11/16" [68mm]</p>	FiberReady 2" [51mm] Radius Full Capacity External Elbow – A 90° external corner with integral dividers to provide 2" [51mm] cable bend radius for UTP and fiber optic installations.
40N2F05*  <p>5/8" [15.9mm]</p>	Base Clip – Covers seams between sections of 40N2 Base.	40N2F20*  <p>11/16" [17.5mm]</p>	End Cap – Closes off raceway end runs. Can be used to feed raceway using 1/2" or 3/4" trade size conduit. Holes for conduit must be drilled. Use a step drill or other means.
40N2F06*  <p>5/8" [15.9mm]</p>	Cover Clip – Covers seam between sections of 40N2 Cover.	40N2F21*  <p>6" [152mm] 7 5/16" [186mm]</p>	Divided Entrance End – FiberReady divided fitting to feed 40N2 Series Raceway. Includes 3/4", 1", 1 1/4", and 1 1/2" trade size KOs on back and top.
40N2F11*  <p>6 5/8" [168mm]</p>	FiberReady 2" [51mm] Radius Full Capacity Flat Elbow – A 90° flat corner with integral dividers to provide 2" [51mm] cable bend radius for UTP and fiber optic installations. Ideal for lay-in or pull-through installations.	40N2F31*  <p>2 3/16" [56mm] 5 1/4" [133mm]</p>	Twin Cover Device Bracket – Use for power or communications devices in a single compartment. Use with either 40N2 or 60N2 Series Raceway. Accepts 5507 Series Faceplates. For use with: <ul style="list-style-type: none"> • Ortronics TracJack Individual Jack System • Ortronics Series II Front-Loading, Module System • Pass & Seymour Activate Series Front-Loading Inserts • Wiremold Open System Communication Modules.
40N2F15*  <p>8 9/16" [217mm] 12 15/16" [329mm]</p>	FiberReady 2" [51mm] Radius Full Capacity Tee – For branches at right angles. A full capacity tee fitting that provides separation of services and 2" [51mm] cable bend radius for UTP and fiber optic installations.	40N2F55  <p>6 3/8" [162mm] 1 3/16" [30mm]</p>	Device Box – Use to mount both power and datacom devices in power channel. Increases data capacity.
40N2F17*  <p>4 1/2" [114mm]</p>	FiberReady 2" [51mm] Radius Full Capacity Internal Elbow – A 90° internal corner with integral dividers to provide 2" [51mm] cable bend radius for UTP and fiber optic installations. Ideal for lay-in or pull-through installations.	40N2F74*  <p>2 15/16" [75mm] 6 1/8" [156mm]</p>	Transition Fitting – Makes transition from 40N2 Series Raceway to PN03, PN05, PN10 and PN20 Series Raceways.

ORT
 P&S
 OPEN

*Add "V" suffix for Ivory or "WH" suffix for White finish.

60N2 Series Raceway Fittings

Catalog No./Item	Description/Specifications
60N2FWC  <p style="font-size: small;">1 11/16" [43mm] 2" [51mm]</p>	Wire Clip – Use to retain cables in raceway during installation.
60N2F05*  <p style="font-size: small;">5/8" [15.9mm]</p>	Base Seam Clip – Covers seam between sections of 60N2 Base.
60N2F06*  <p style="font-size: small;">5/8" [15.9mm]</p>	Cover Clip – Covers seam between sections of 60N2 Cover.
60N2F11*  <p style="font-size: small;">7 7/8" [200mm]</p>	FiberReady 2" [51mm] Radius Full Capacity Flat Elbow – A 90° flat corner with integral dividers to provide 2" [51mm] cable bend radius for UTP and fiber optic installations. Ideal for lay-in or pull-through installations.
60N2F15*  <p style="font-size: small;">9 3/4" [248mm] 14 3/16" [361mm]</p>	FiberReady 2" [51mm] Radius Full Capacity Tee – For branches at right angles. A full capacity tee fitting that provides separation of services and 2" [51mm] cable bend radius for UTP and fiber optic installations.
60N2F17*  <p style="font-size: small;">4 1/2" [114mm]</p>	FiberReady 2" [51mm] Radius Full Capacity Internal Elbow – A 90° internal corner with integral dividers to provide 2" [51mm] cable bend radius for UTP and fiber optic installations. Ideal for lay-in or pull-through installations.
60N2F18*  <p style="font-size: small;">4 1/2" [114mm]</p>	External Elbow – Connects raceway around external corners. Provides 2" bend radius control with reduced capacity. 3.32" cross-sectional area.
60N2F19*  <p style="font-size: small;">4 1/2" [114mm] 2 11/16" [68mm]</p>	FiberReady 2" [51mm] Radius Full Capacity External Elbow – A 90° external corner with integral dividers to provide 2" [51mm] cable bend radius for UTP and fiber optic installations. Use the 60N2F19 for a full capacity alternative to the 60N2F18.
60N2F20*  <p style="font-size: small;">11/16" [17.5mm]</p>	End Cap – Closes off raceway end runs. Can be used to feed raceway using 1/2" or 3/4" trade size conduit. Holes for conduit must be drilled. Use a step drill or other means.
60N2F21*  <p style="font-size: small;">7 1/8" [181mm] 7 5/8" [194mm]</p>	Divided End – FiberReady divided fitting to feed 60N2 Series Raceway. Includes 1", 1 1/4", 1 1/2", and 2" trade size KOs on back and top.
60N2F32*  <p style="font-size: small;">4 7/17" [113mm] 5 1/4" [133mm]</p>	Device Bracket – For mounting power and communication devices in-line with 60N2 Raceway. Accepts 5507 Series Faceplates. For use with: <ul style="list-style-type: none"> •Ortronics TracJack Individual Jack System •Ortronics Series II Front-Loading, Module System •Pass & Seymour Activate Series Front-Loading Inserts •Wiremold Open System Communication Modules.
60N2F55  <p style="font-size: small;">5 3/8" [137mm] 1 13/16" [46mm]</p>	High Capacity Device Box – Use to mount both power and datacom devices in power channel. Increases data cable capacity.
60N2F74*  <p style="font-size: small;">7 11/32" [187mm] 2 15/16" [75mm]</p>	Transition Fitting – Makes transition from 60N2 Series Raceway to PN03, PN05, PN10 and PN20 Series Raceways.

ORT
P&S
OPEN

*Add "V" suffix for Ivory or "WH" suffix for White finish.

5507 Series Faceplates

Catalog No./Item	Description/Specifications		Catalog No./Item	Description/Specifications	
5507AD*	Modular Furniture Adapter – <ul style="list-style-type: none"> For mounting Activate modular furniture bezel and other modular furniture adapters. 	<div style="background-color: #cccccc; padding: 2px;">ORT</div> <div style="background-color: #0056b3; color: white; padding: 2px;">P&S</div> <div style="background-color: #cccccc; padding: 2px;">OPEN</div>	5507T1*	Single Receptacle Faceplate – For covering single receptacles – 1.59" [40.4mm] diameter.	
5507B*	Blank Faceplate – For covering unused compartments in the device bracket.		5507T2*	Single Receptacle Faceplate – For covering single receptacles – 1.41" [35.8mm] diameter.	
5507D*	Duplex Faceplate – For covering duplex style devices. <ul style="list-style-type: none"> Accepts 106 Frame. 	<div style="background-color: #cccccc; padding: 2px;">ORT</div> <div style="background-color: #cccccc; padding: 2px;">P&S</div> <div style="background-color: #0056b3; color: white; padding: 2px;">OPEN</div>	5507-4TJ*	Ortronics® Faceplate – For mounting Ortronics datacom inserts. <ul style="list-style-type: none"> Accepts four TracJack Devices. 	<div style="background-color: #0056b3; color: white; padding: 2px;">ORT</div> <div style="background-color: #cccccc; padding: 2px;">P&S</div> <div style="background-color: #cccccc; padding: 2px;">OPEN</div>
5507FRJ*	Flush Dual RJ11/RJ45 Faceplate – Same as 5507RJ except the connectors are recessed to provide a flush installation.	<div style="background-color: #cccccc; padding: 2px;">ORT</div> <div style="background-color: #cccccc; padding: 2px;">P&S</div> <div style="background-color: #0056b3; color: white; padding: 2px;">OPEN</div>	5507-6TJ*	Ortronics® Faceplate – For mounting Ortronics datacom inserts. <ul style="list-style-type: none"> Accepts six TracJack Devices. 	<div style="background-color: #0056b3; color: white; padding: 2px;">ORT</div> <div style="background-color: #cccccc; padding: 2px;">P&S</div> <div style="background-color: #cccccc; padding: 2px;">OPEN</div>
5507R*	Rectangular Faceplate – For covering rectangular style devices.		CM-EPLA	End Plates – Includes two outlet identification labels with clear covers and two matching screw covers. Required for mounting Pass & Seymour Activate and Wiremold Open System communication modules into 40N2 and 60N2 Series device brackets.	
5507RJ*	Dual RJ11/RJ45 Connector Faceplate – <ul style="list-style-type: none"> For mounting one or two RJ type connectors – has one opening and a KO for the other. 	<div style="background-color: #cccccc; padding: 2px;">ORT</div> <div style="background-color: #cccccc; padding: 2px;">P&S</div> <div style="background-color: #0056b3; color: white; padding: 2px;">OPEN</div>	S2-EPL	End Plates – Includes two outlet identification labels with clear covers and two matching screw covers. Required for mounting Ortronics Series II modules into 40N2 and 60N2 Series device brackets.	
5507S*	Rectangular Spacer – For mounting commercial device plates. Installs between the device bracket and a device.				
5507SW*	Switch Faceplate – For covering standard toggle switches.				

NOTE: All face plates have a standard measurement of 4 1/4" x 1 7/8" [108mm x 34mm].

* Add "V" suffix for Ivory or "WH" suffix for White finish.

40N2 Raceway Wire Fill Capacities

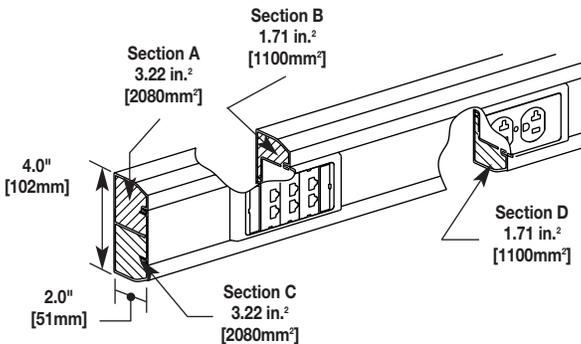
40N2 RACEWAY WIRE FILL CAPACITIES FOR POWER

	WIRE SIZE THHN/THWN	O.D.		NUMBER OF CONDUCTORS		MAX. NUMBER OF CONDUCTORS BOTH COMPARTMENTS
		Inches	[mm]	Comp. A	Comp. B'	
Power Wiring With or Without Devices	14 AWG	0.111	[2.8]	20	20	28
	12 AWG	0.130	[3.3]	18	18	36
	10 AWG	0.164	[4.2]	17	17	24
	8 AWG	0.216	[5.5]	15	15	20
	6 AWG	0.254	[6.5]	5	5	10

40N2 RACEWAY WIRE FILL CAPACITIES FOR DATA/COMMUNICATIONS

CABLE TYPE	CATEGORY/ DESIGNATION	O.D.		Section C		Section D	
		Inches	[mm]	20% Fill ³	40% Fill ⁴	20% Fill ³	40% Fill ⁴
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG Cat 3 UTP	0.190	[4.8]	22	45	12	24
	4-pair, 24 AWG Cat 5e UTP	0.220	[5.3]	18	37	9	19
	4-pair, 24 AWG Cat 6 UTP	0.250	[6.3]	13	26	6	13
TELEPHONE	2-pair, 24 AWG	0.140	[3.6]	41	83	22	44
	3-pair, 24 AWG	0.150	[3.8]	36	72	19	38
	4-pair, 24 AWG	0.190	[4.8]	22	45	12	24
	25-pair, 24 AWG	0.410	[10.4]	4	9	2	5
COAXIAL	RG58/U	0.195	[5.0]	21	43	11	22
	RG59/U	0.242	[6.1]	14	28	7	14
	RG62/U	0.242	[6.1]	14	28	7	14
	RG6/U	0.270	[6.9]	11	22	5	11
TWINAXIAL	100 Ohm	0.330	[8.4]	7	15	4	8
SHIELDED TWISTED PAIR	TYPE 1	0.390	[9.9]	5	10	2	5
	TYPE 2	0.465	[11.8]	3	7	2	4
	TYPE 3	0.245	[6.2]	13	27	7	14
FIBER	Mini ZipCord	0.079 x 0.157	[2 x 4]	51	103	27	55
	ZipCord	0.118 x 0.236	[3 x 6]	23	46	12	24
	Round 4 Strand	0.187	[4.8]	23	46	12	24
	Round 6 Strand	0.256	[6.5]	12	25	6	13

1. Cross-sectional area reduced due to 40N2F55 Device Box.
2. No. of conductors are reduced when using both channels for power.
3. 20% cable fill calculated to approximate reduction in cable capacity due to connectors mounted within raceway and fittings that may restrict cross-sectional area.
4. 40% cable fill is the maximum designed cable fill based on TIA/EIA 569-A.



60N2 Raceway Wire Fill Capacities

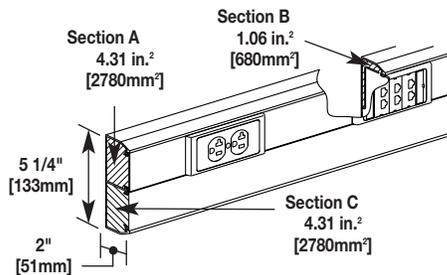
60N2 RACEWAY WIRE FILL CAPACITIES FOR POWER

	WIRE SIZE THHN/THWN	O.D.		NUMBER OF CONDUCTORS		MAX. NUMBER OF CONDUCTORS BOTH COMPARTMENTS
		Inches	[mm]	Comp. A	Comp. B'	
Power Wiring With or Without Devices	14 AWG	0.111	[2.8]	33	33	40
	12 AWG	0.130	[3.3]	42	31	52
	10 AWG	0.164	[4.2]	22	20	37
	8 AWG	0.216	[5.5]	19	11	24
	6 AWG	0.254	[6.5]	11	8	14

60N2 RACEWAY WIRE FILL CAPACITIES FOR DATA/COMMUNICATIONS

CABLE TYPE	CATEGORY/ DESIGNATION	O.D.		Section C	
		Inches	[mm]	20% Fill ³	40% Fill ⁴
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG Cat 3 UTP	0.190	[4.8]	30	60
	4-pair, 24 AWG Cat 5e UTP	0.220	[5.3]	24	49
	4-pair, 24 AWG Cat 6 UTP	0.250	[6.3]	17	35
TELEPHONE	2-pair, 24 AWG	0.140	[3.6]	56	112
	3-pair, 24 AWG	0.150	[3.8]	48	97
	4-pair, 24 AWG	0.190	[4.8]	30	60
	25-pair, 24 AWG	0.410	[10.4]	6	13
COAXIAL	RG58/U	0.195	[5.0]	28	57
	RG59/U	0.242	[6.1]	18	37
	RG62/U	0.242	[6.1]	18	37
	RG6/U	0.270	[6.9]	15	30
TWINAXIAL	100 Ohm	0.330	[8.4]	10	20
SHIELDED TWISTED PAIR	TYPE 1	0.390	[9.9]	7	14
	TYPE 2	0.465	[11.8]	5	10
	TYPE 3	0.245	[6.2]	18	36
FIBER	Mini ZipCord	0.079 x 0.157	[2 x 4]	69	139
	ZipCord	0.118 x 0.236	[3 x 6]	31	62
	Round 4 Strand	0.187	[4.8]	31	62
	Round 6 Strand	0.256	[6.5]	16	33

1. Cross-sectional area reduced due to 60N2F55 C-Box.
2. No. of conductors are reduced when using both channels for power.
3. 20% cable fill calculated to approximate reduction in cable capacity due to connectors mounted within raceway and fittings that may restrict cross-sectional area.
4. 40% cable fill is the maximum designed cable fill based on TIA/EIA 569-A.



MXN Raceway Wire Fill Capacities

MXN RACEWAY WIRE FILL CAPACITIES FOR POWER

WIRE SIZE THHN/THWN	O.D.		NUMBER OF CONDUCTORS EACH COMPARTMENT
	Inches	[mm]	
14 AWG	0.111	[2.8]	16
12 AWG	0.130	[3.3]	14
10 AWG	0.164	[4.2]	14
8 AWG	0.216	[5.5]	15

MXN RACEWAY WIRE FILL CAPACITIES FOR DATA/COMMUNICATIONS

CABLE TYPE	CATEGORY/ DESIGNATION	O.D.		Each Compartment	
		Inches	[mm]	20% Fill*	40% Fill**
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG Cat 3 UTP	0.190	[4.8]	9	19
	4-pair, 24 AWG Cat 5e UTP	0.220	[5.3]	8	16
	4-pair, 24 AWG Cat 6 UTP	0.250	[6.3]	5	11
TELEPHONE	2-pair, 24 AWG	0.140	[3.6]	18	36
	3-pair, 24 AWG	0.150	[3.8]	15	31
	4-pair, 24 AWG	0.190	[4.8]	9	19
	25-pair, 24 AWG	0.410	[10.4]	2	4
COAXIAL	RG58/U	0.195	[5.0]	9	18
	RG59/U	0.242	[6.1]	6	12
	RG62/U	0.242	[6.1]	6	12
	RG6/U	0.270	[6.9]	4	9
TWINAXIAL	100 Ohm	0.330	[8.4]	3	6
SHIELDED TWISTED PAIR	TYPE 1	0.390	[9.9]	2	4
	TYPE 2	0.465	[11.8]	1	3
	TYPE 3	0.245	[6.2]	5	11
FIBER	Mini ZipCord	0.079 x 0.157	[2 x 4]	22	45
	ZipCord	0.118 x 0.236	[3 x 6]	10	20
	Round 4 Strand	0.187	[4.8]	10	20
	Round 6 Strand	0.256	[6.5]	5	10

* 20% cable fill is calculated to approximate reduction in cable capacity due to connectors mounted within raceway and fittings that may restrict cross-sectional area.

** 40% cable fill is the maximum designed cable fill based on a proposed revision to TIA/EIA 569-A.

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.

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.

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.

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