WIREMOLD

CableSmart[™] Series Nonmetallic Raceway

Dual-Channel 40N2 Series Nonmetallic Raceway Systems







ith its tamper-resistant design, the CableSmart 40N2 Series Raceway is ideal for schools or office settings, where greater security is a requirement. The 40N2 Series Raceway from Wiremold/Legrand offers separate channels for power and communications cabling with a single cover.



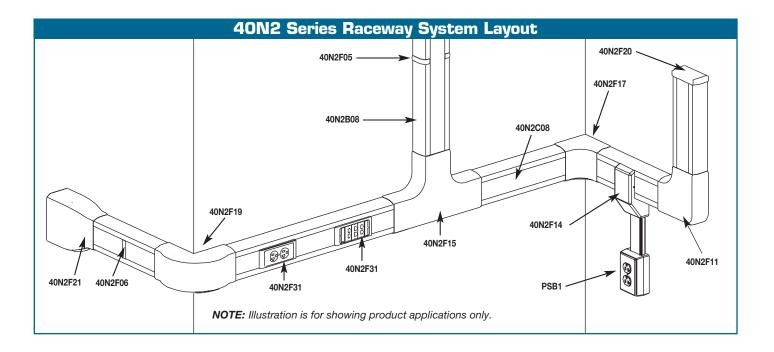
40N2 Series Raceway featuring 40N2F31 Device Bracket.

Features & Benefits

- Extremely tamper-resistant. Perfect for school applications or anywhere additional security is a priority.
- 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.
- Available prewired. Manufactured to job site lengths, raceway comes completely prewired, ready to install. Jobs can be packaged by area, floor, or building and shipped per job site requirements.
- Electrical device identification for prewired jobs. Eliminates guesswork and circuit tracking to speed additions and renovations.
- Pre-punched mounting holes. Faster and easier installation.

- New transition fitting options. Used to transition to PN03, PN05 and PN10 Series Latching Raceways.
- Made of PVC material. Lightweight and easy to cut.
- High capacity device box options. 40N2F55 C-Box allows both power and data devices to be installed in the power channel, greatly increasing cable fill capacity for data cabling.
- Ivory and white finish. Blends with any decor. Paintable using latex paint.
- Corner drop feed. Provides solution for feeding horizontal runs of raceway.
- 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.





40N2 Series Raceway Wire Fill Capacities

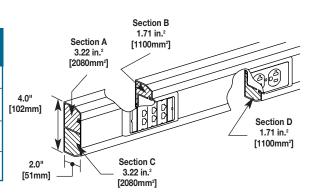
40N2 RACEWAY WIRE FILL CAPACITIES FOR POWER										
	WIRE SIZE THHN/THWN	O. Inches	D. [mm]	NUMBER OF CONDUCTORS Comp. A Comp. B		MAX. NUMBER OF CONDUCTORS BOTH COMPARTMENTS				
Power	14 AWG	0.111	[2.8]	20	20	28				
Wiring	12 AWG	0.130	[3.3]	18	18	36				
With or	10 AWG	0.164	[4.2]	17	17	24				
Without	8 AWG	0.216	[5.5]	15	15	20				
Devices	6 AWG	0.254	[6.5]	5	5	10				

40N2 RACEWAY WIRE FILL CAPACITIES FOR DATA/COMMUNICATIONS								
CABLE TYPE	CATEGORY/ DESIGNATION	O.D. Inches [mm]		Section C 40% Fill*	Section D 40% Fill*			
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG Cat 3 4-pair, 24 AWG Cat 5e 4-pair, 24 AWG Cat 6 4-pair, 24 AWG Cat 6a** 25-pair, 24 AWG	0.190 0.210 0.250 0.354 0.410	[4.8] [5.3] [6.3] [9.0] [10.4]	45 37 26 13 9	24 19 13 6 5			
COAXIAL	RG6/U	0.270	[6.9]	22	11			
FIBER	ZipCord Round 4 Strand Round 6 Strand	0.118 x 0.236 0.187 0.256	[3 x 6] [4.8] [6.5]	103 46 25	55 24 13			

^{40%} cable fill is the maximum designed cable fill based on TIA/EIA 569-A.

^{**} Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

TRANSITION FITTINGS TO EXISTING WIRING OR OTHER WIREMOLD RACEWAYS							
FROM	то	CAT. NO.					
1/2" or 3/4" trade size conduit or armored cable	40N2	40N2F20					
3/4", 1", 1 1/4" & 1 1/2" trade size conduit or armored cable	40N2	40N2F21					
40N2 Series Raceway	PN03, PN05, PN10, PN20	40N2F74					



40N2 Series Raceway Fittings Description/Specifications Catalog No./Item **Description/Specifications** Catalog No./Item 40N2F21* Divided Entrance End Fitting -40N2F55 High Capacity Device Box-FiberReady divided fitting to Required for mounting power or 6 3/8" feed 40N2 Series Raceway. [162mm] datacom devices into a divided Includes 3/4", 1", 1 1/4", and raceway application. One used per 1 3/16" [152mm] 1 1/2" trade size KOs on back [30mm] device location. and top. 7 5/16" [186mm] 40N2F74* **Divided Transition Fitting** – Makes 40N2F31* **Twin Cover Device** transition from 40N2 Series Bracket - Use for power or ORT Raceway to PN03, PN05, and 2 3/16" communications devices in [56mm] PN10 Series Raceways. a single compartment. Use P&S 6 1/8" with either 40N2 or 60N2 2 15/16" [156mm] **OPEN** [74mm] Series Raceway, Accepts 5507 Series Faceplates. For use with: 5 1/4" • Ortronics TracJack Individual [133mm] Jack System • Ortronics Series II Front-NOTE: CM-EPLA End Plates are Loading, Module System required when using Wiremold

communication modules and Pass

& Seymour inserts. S2-EPL End Plates are required when using

Ortronics Series II inserts. To

mount Tracjack inserts, use 5507-4TJ or 5507-6TJ Faceplates.

Pass & Seymour Activate

Wiremold Open System

Communication Modules.

Series Front-Loading Inserts

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