

# WIREMOLD®

## OFR Series Overfloor Raceway


### Multiple Services in a Low Profile Overfloor Raceway

OFR Series Overfloor Raceway System provides four-channels of capacity and access to a wide range of power, communications, and A/V connectivity options in the smallest, lowest, narrowest, ADA compliant profile available in overfloor raceway systems. This system installs over existing floor coverings and is both tamper-resistant and installer-friendly, making it an ideal solution for relocatable or permanent installations where access through floors and ceilings is not an option. There are also transition fittings to feed OFR Series Raceway from Wiremold wall-mounted raceway systems and Vista Architectural Columns. OFR Series Raceway accepts Wiremold Open System device plates that provide connectivity to a wide range of devices from leading communication and A/V providers.



OFR Series Raceway provides access to power, A/V, and communication services to open-space areas in an ADA compliant low profile design.

#### FEATURES & BENEFITS

- **Lowest profile overfloor raceway available.** Smaller, narrower, lower raceway profile reduces potential trip hazards while also being installer friendly to speed installations.
- **Installs in open space areas.** Provides power, communication, and A/V wiring to areas where in-floor or ceiling distribution are not accessible options.
- **Multiple channel base.** Four-channel raceway provides space for multiple combinations of power, communication and A/V to be provided through a single raceway installation.
- **Black powder coat finish.** Durable textured finish resists scuffing and scratches, is paintable and blends with most decors.
- **Multiple options for communication and A/V connectivity.** OFR Series Raceway accepts Wiremold Open System device plates that provide connectivity to a wide range of devices from leading communication and A/V providers.
- **Re-energize abandoned poke-thru holes.** Brings a wide variety of services to the work surface by re-using existing openings from previous poke-thru installations. 
- **Attaches directly to floor covering.** Works with carpet, tile, wood, etc. so there is no need to remove or alter existing floor coverings. Ideal for both temporary and permanent installations.
- **Multiple transition options.** Transition fittings are available to feed OFR Series Raceway from Wiremold DS4000™, 4000®, and 2400 Series™ wall-mounted raceway systems and also from Vista Architectural Columns.
- **Tamper-resistant system.** Raceway cover is difficult to remove without the proper tools, discouraging unwanted access to raceway-provided services.
- **Meets ADA Accessibility Guidelines.** Low profile, unobtrusive design meets the ADA Accessibility Guidelines that pertain to ADA Standard 4.5 which addresses changes in floor and ground surface levels.
- **cETLus Listed.**



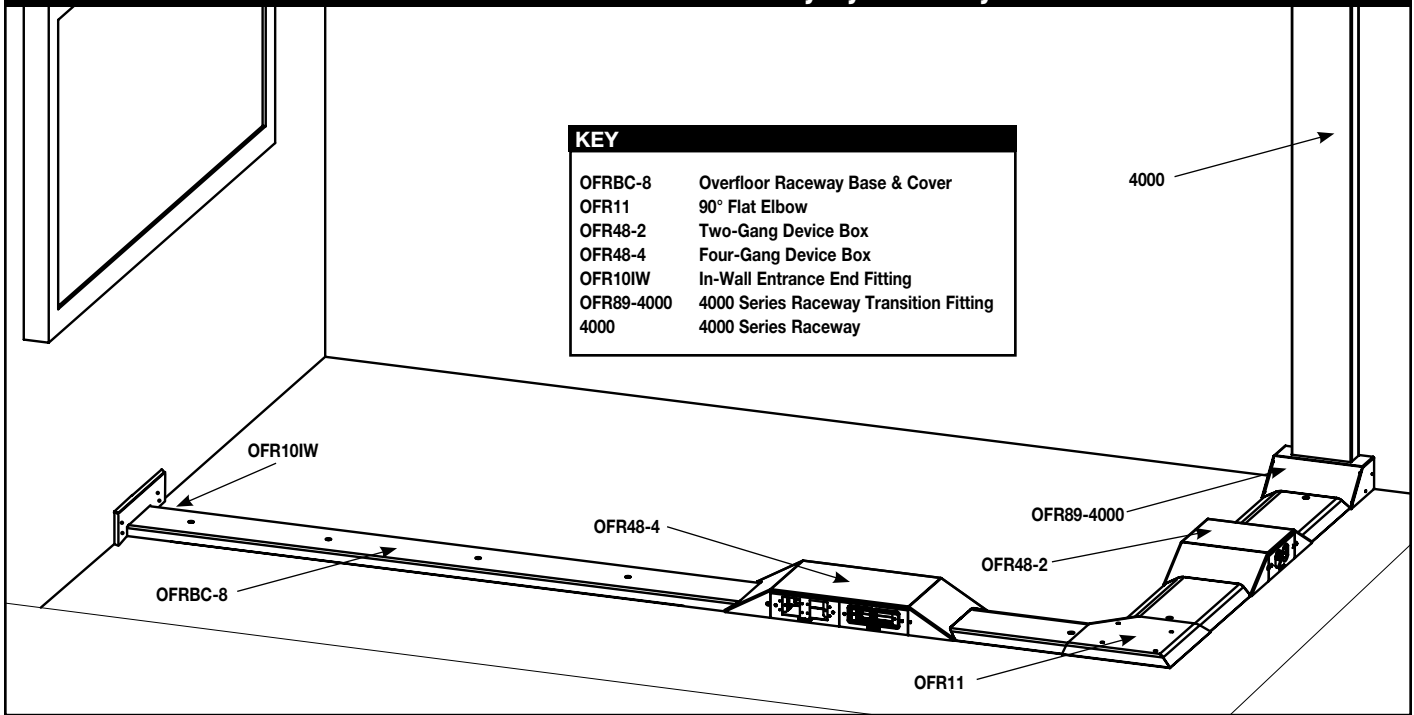
OFR Series Raceway OFRPT3 Poke-Thru Transition Fitting.



OFR Series Overfloor Raceway transition fittings for 2400 Series Raceway and through a wall.



## OFR Series Overfloor Raceway System Layout



KEY	
OFRBC-8	Overfloor Raceway Base & Cover
OFR11	90° Flat Elbow
OFR48-2	Two-Gang Device Box
OFR48-4	Four-Gang Device Box
OFR10IW	In-Wall Entrance End Fitting
OFR89-4000	4000 Series Raceway Transition Fitting
4000	4000 Series Raceway

### OFR Series Overfloor Raceway Wire Fill Capacities for Power\*

WIRE SIZE THHN/THWN	Inches	O.D. [mm]	WIRE CROSS-SECTIONAL AREA	# OF WIRES PER OUTER CHANNEL (40% FILL)	# OF WIRES PER OUTER CHANNEL w/OFR1 (40% FILL)	# OF WIRES PER OUTER CHANNEL w/OFR9 (40% FILL)	# OF WIRES PER INNER CHANNEL (40% FILL)
14 AWG	0.111	[2.8]	0.010	18	13	10	19
12 AWG	0.130	[3.3]	0.013	13	10	7	14
10 AWG	0.164	[4.2]	0.021	8	3	2	9
8 AWG	0.216	[5.5]	0.037	4	4	3	5

\*For additional information refer to Technical Section of Wiremold Product Guide.

### OFR Series Overfloor Raceway Wire Fill Capacities for Communications

	CABLE/WIRE SIZE	Inches	O.D. (Approx Dia.) [mm]	WIRE CROSS-SECTIONAL AREA	# OF CABLES PER OUTER CHANNEL (40% FILL)	# OF CABLES PER OUTER CHANNEL w/OFR1 (40% FILL)	# OF CABLES PER OUTER CHANNEL w/OFR9 (40% FILL)	# OF CABLES PER INNER CHANNEL (40% FILL)
UNSHIELDED TWISTED PAIR	4-Pair, 24 AWG, Cat 3	0.190	[4.8]	0.028	6	4	3	6
	4-Pair, 24 AWG, Cat 5e	0.210	[5.3]	0.035	5	3	2	5
	4-Pair, 24 AWG, Cat 6	0.250	[6.4]	0.049	3	2	2	3
	4-Pair, 24 AWG, Cat 6a	0.354	[9.0]	0.098	1	1	1	2
COAXIAL	RG6/U	0.270	[6.9]	0.057	3	2	1	3
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	0.025	7	5	3	7
	Round 4-Strand Fiber	0.187	[4.7]	0.027	6	4	3	6
	Round 6-Strand Fiber	0.256	[6.5]	0.051	3	2	1	3



Four-channel base of OFR Series Overfloor Raceway provides channels for multiple combinations of services.

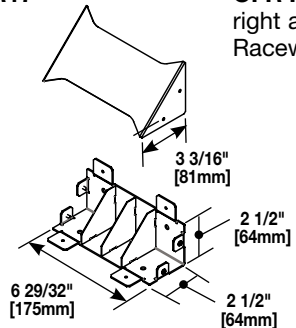
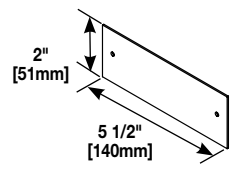
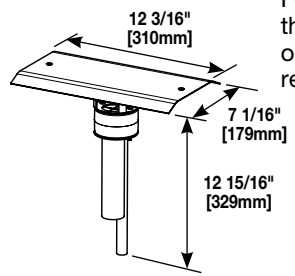
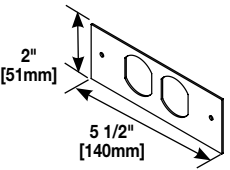
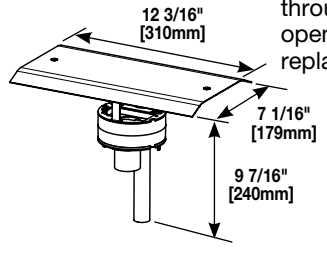
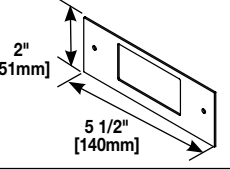
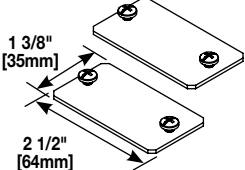
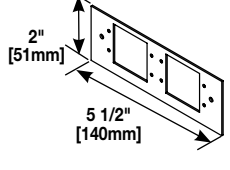
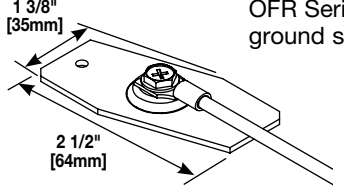
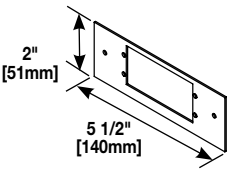
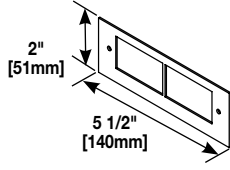
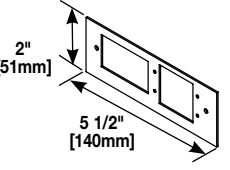


OFR Series Raceway features the lowest profile available in overfloor raceway systems.



Tamper-resistant feature prevents unwanted access to raceway-provided services.

## OFR Series Overfloor Raceway System Ordering Information (continued)

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
<b>OFR17</b> 	<b>OFR Inside Elbow</b> – For internal right angle turns of OFR Series Raceway.	<b>OFR47-B</b> 	<b>OFR Blank Device Plate</b> – For covering unused compartments in OFR48-2 and OFR48-4 Device Boxes.
<b>OFRPT3</b> 	<b>OFR 3 Inch Poke-Thru Transition</b> – For bringing power, A/V, and data through abandoned Poke-Thru openings to open spaces. Will replace any 3" poke-thru.	<b>OFR47-D</b> 	<b>OFR Duplex Device Plate</b> – For covering duplex style devices in OFR48-2 and OFR48-4 Device Boxes. Accepts 106 Frame.
<b>OFRPT4</b> 	<b>OFR 4 Inch Poke-Thru Transition</b> – For bringing power, A/V, and data through abandoned Poke-Thru openings to open spaces. Will replace any 4" poke-thru.	<b>OFR47-R</b> 	<b>OFR Decorator Device Plate</b> – For covering rectangular decorator style devices in OFR48-2 and OFR48-4 Device Boxes.
<b>OFR1</b> 	<b>OFR Coupling</b> – Joins lengths of OFRB-8 OFR Series Raceway Base together. Sold in pairs.	<b>OFR47-U</b> 	<b>OFR Extron MAAP Device Plate</b> – Device plate that will accept up to four (4) Extron Electronics MAAP style plates in OFR48-2 and OFR48-4 Device Boxes.
<b>OFR9</b> 	<b>OFR Grounding Clip</b> – Connects equipment grounding conductor to provide ground to OFR Series Raceway. No. 10 ground screw provided.	<b>OFR47-V</b> 	<b>OFR Extron AAP Device Plate</b> – Device plate that will accept two (2) Extron Electronics AAP single space modules.
		<b>OFR47-2A</b> 	<b>OFR Communications Device Plate</b> – Device plate that will accept up to four (4) ports of communications devices. Includes adapters for Ortronics TracJack, Series II, Pass & Seymour Activate inserts and Wiremold Open System communication modules.
		<b>OFR47-U2A</b> 	<b>OFR Extron MAAP-2A Combo Device Plate</b> – Combination device plate that will accept up to two (2) Extron Electronics MAAP style plates and up to two (2) ports of communications devices. Includes adapters for Ortronics TracJack, Series II, Pass & Seymour Activate inserts and Wiremold Open System communication modules.