



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

## Low-Profile Overfloor Cable 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.

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### 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 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.

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### Vertical Markets

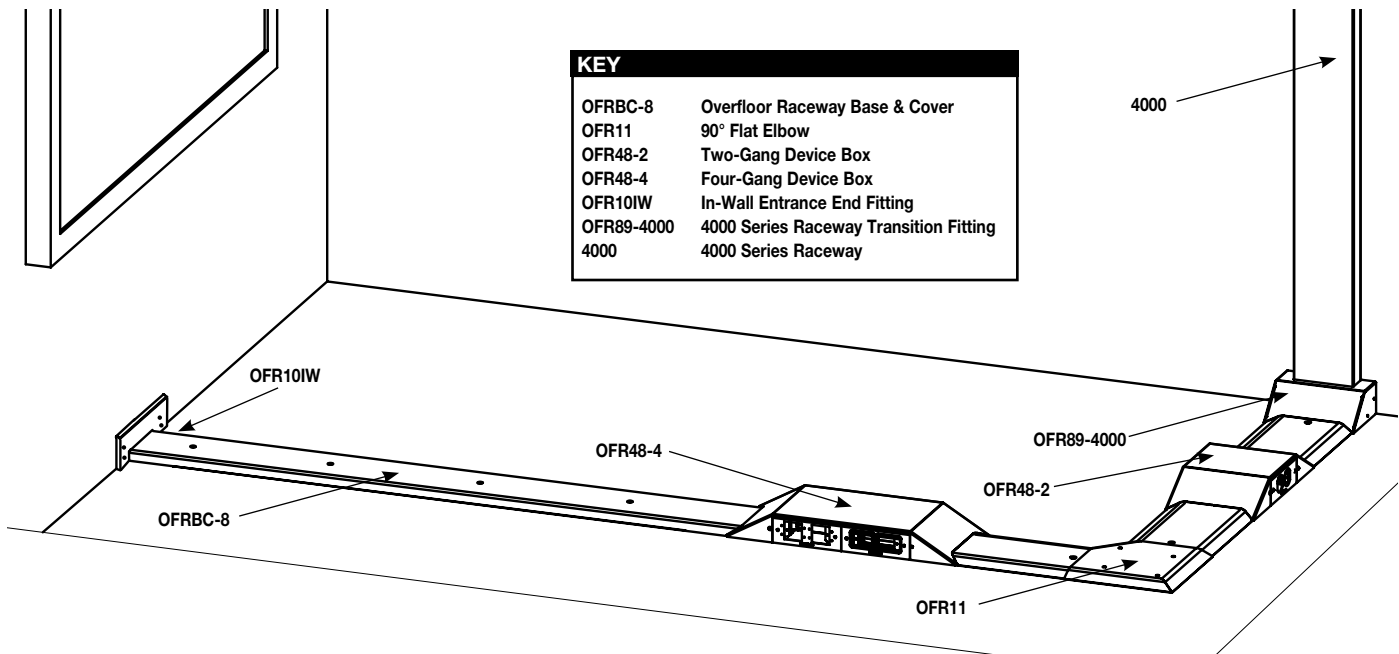
- Healthcare
- Hospitality
- Entertainment
- Commercial
- Education
- Retail

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### Compliance

cETLus Listed.

## OFR Series Overfloor Raceway System Layout



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

| WIRE SIZE<br>THHN/THWN | Inches | O.D.<br>(mm) | WIRE<br>CROSS-SECTIONAL<br>AREA | # OF WIRES PER<br>OUTER CHANNEL<br>(40% FILL) | # OF WIRES PER<br>OUTER CHANNEL<br>w/OFR1 (40% FILL) | # OF WIRES PER<br>OUTER CHANNEL<br>w/OFR9 (40% FILL) | # OF WIRES PER<br>INNER CHANNEL<br>(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   | 6  | 5  | 9   |
| 8 AWG                  | 0.216  | (5.5)        | 0.037                           | 4   | 3  | 2  | 5   |

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

### Overfloor Raceway Wire Fill Capacities for Communications

|                            | CABLE/WIRE SIZE        | O.D. (APPROX DIA.)<br>INCHES (MM) | WIRE CROSS-SECTIONAL<br>AREA | # OF CABLES PER<br>OUTER CHANNEL<br>(40% FILL) | # OF CABLES PER<br>OUTER CHANNEL<br>W/OFR1 (40% FILL) | # OF CABLES PER<br>OUTER CHANNEL<br>W/OFR9 (40% FILL) | # OF CABLES PER<br>INNER CHANNEL<br>(40% FILL) |
|----------------------------|------------------------|-----------------------------------|------------------------------|--|---|---|--|
| UNSHIELDED<br>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.

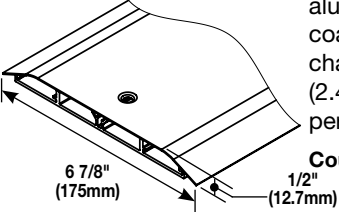
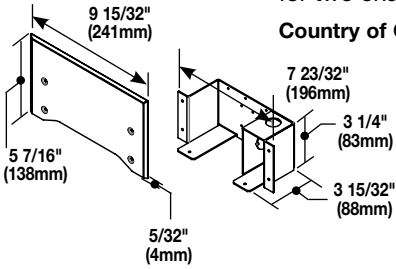
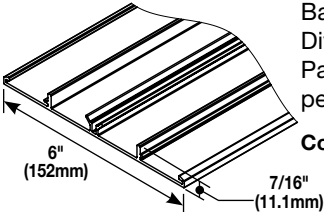
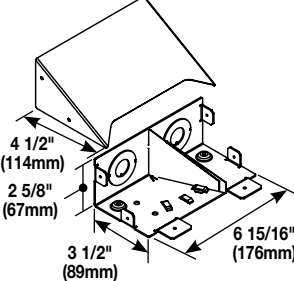
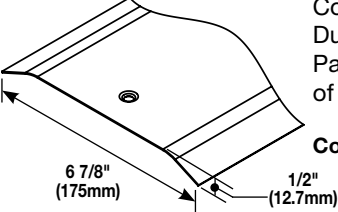
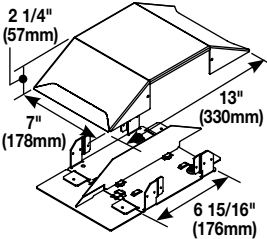
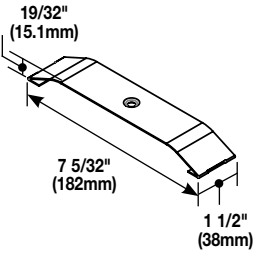
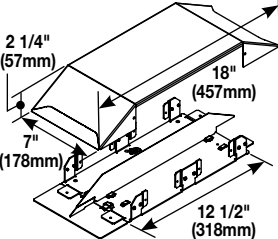
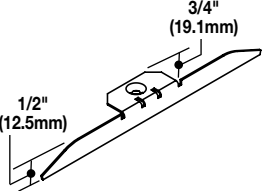


OFR Series Raceway features the lowest profile available in overfloor raceway systems.

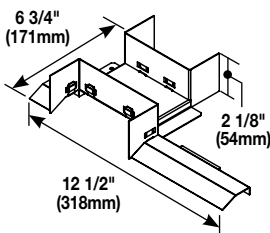
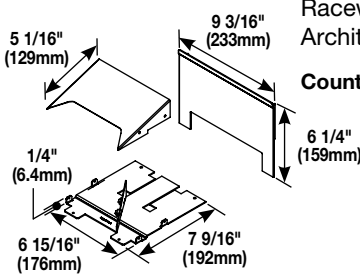
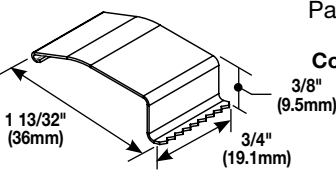
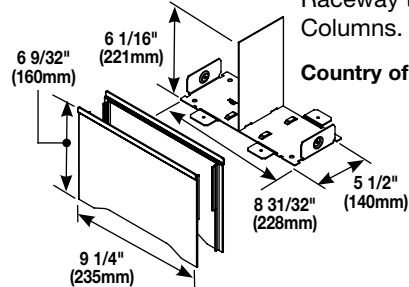
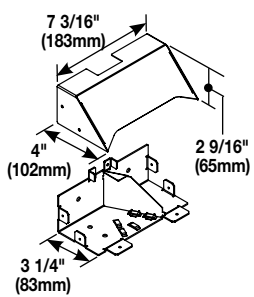
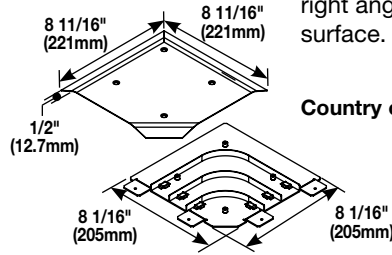
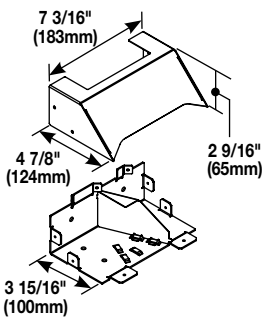
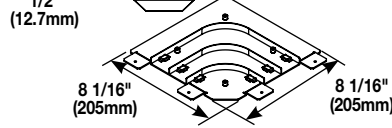
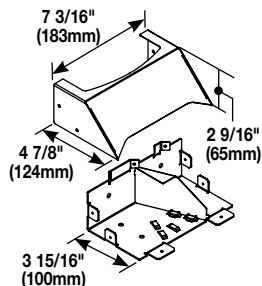
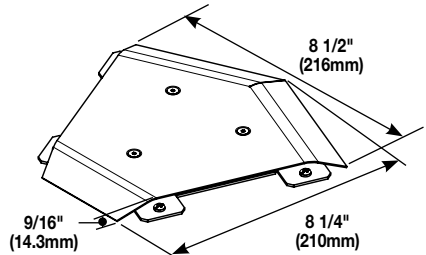


Tamper-resistant feature prevents unwanted access to raceway-provided services.

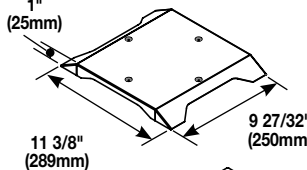
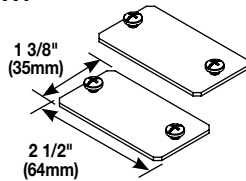
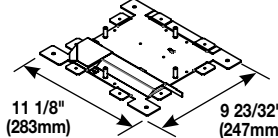
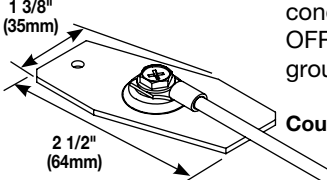
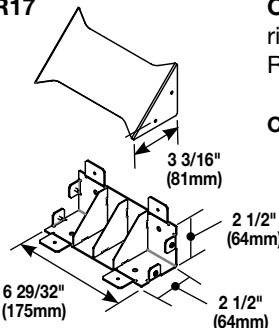
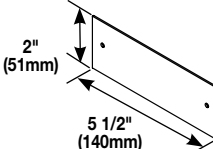
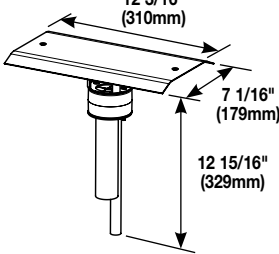
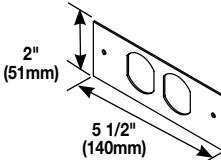
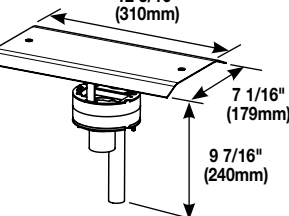
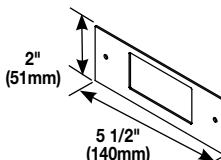
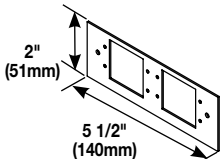
## OFR Series Overfloor Raceway Ordering Information

| Catalog No./Item   | Description/Specifications  | Catalog No./Item   | Description/Specifications  |
|--|---|--|---|
| <b>OFRBC-8</b><br>  | <b>Overfloor Raceway Base &amp; Cover</b> – Cover: 0.040" (1.0mm) steel. Base: 0.080" (2.0mm) aluminum. Durable black powder coat finish. Divided into four channels. Packed one (1) 8' (2.4m) length of base and cover per carton.<br><b>Country of Origin: USA</b><br><b>NOTE:</b> Not recommended for use in high traffic areas. | <b>OFR10IW</b><br>   | <b>Overfloor Raceway In-Wall Entrance End Fitting</b> – Feeds OFR Series Overfloor Raceway from behind wall. Configurable to provide one or two channels of power. Has 1/2" trade size KO for single channel and 3/4" trade KO for two channel.<br><b>Country of Origin: Mexico</b>   |
| <b>OFRB-8</b><br>   | <b>Overfloor Raceway Base</b> – Base: 0.080" (2.0mm) aluminum. Divided into four channels. Packed four (4) 8' (2.4m) lengths per carton.<br><b>Country of Origin: USA</b><br><b>NOTE:</b> Not recommended for use in high traffic areas.  | <b>OFR10A</b><br>   | <b>Overfloor Raceway Entrance End Fitting</b> – Feeds OFR Series Raceway. Has two (2) concentric 1/2" and 1 1/4" trade size KOs on end. Includes removable divider that can be positioned to feed any raceway channel. Can be used to feed raceway from wall or into furniture.<br><b>Country of Origin: Mexico</b>   |
| <b>OFRC-8</b><br> | <b>Overfloor Raceway Cover</b> – Cover: 0.040" (1.0mm) steel. Durable black powder coat finish. Packed four (4) 8' (2.4m) lengths of cover per carton.<br><b>Country of Origin: USA</b><br><b>NOTE:</b> Not recommended for use in high traffic areas.  | <b>OFR48-2</b><br> | <b>Overfloor Raceway 2-Gang Box</b> – Divided two-gang device box. Allows multiple services (power, communication, A/V) at a single point-of-use. Side facing device mounting provides low profile, with space for large cable bend radius. Accepts OFR Series device plates. Removable divider can be aligned with any of the raceway channels.<br><b>Country of Origin: Mexico</b>  |
| <b>OFR6</b><br>   | <b>Overfloor Raceway Seam Clip</b> – Covers seam where two sections of OFR Series Overfloor Raceway cover come together.<br><b>Country of Origin: Mexico</b>  | <b>OFR48-4</b><br> | <b>Overfloor Raceway 4-Gang Box</b> – Divided four-gang device box. Allows multiple services (power, communication, A/V) at a single point-of-use. Side facing device mounting provides low profile, with space for large cable bend radius. Accepts OFR Series device plates. Removable divider can be aligned with any of the raceway channels.<br><b>Country of Origin: Mexico</b> |
| <b>OFR10B</b><br> | <b>Overfloor Raceway Blank End Fitting</b> – Blank end fitting for OFR Series Raceway.<br><b>Country of Origin: USA</b>   |  |   |

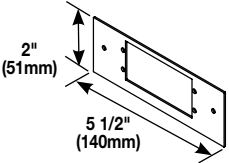
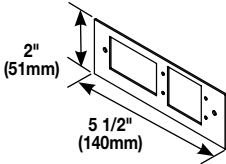
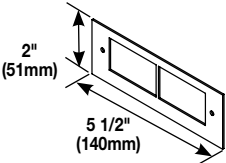
## OFR Series Overfloor Raceway Ordering Information

| Catalog No./Item   | Description/Specifications   | Catalog No./Item  | Description/Specifications  |
|--|--|---|---|
| <b>OFR48-4GX</b><br>      | <b>OFR Crossover Kit</b> –<br>Allows access to power and communication on both sides of OFR48-4 4-Gang Device Box.<br><br><b>Country of Origin: USA</b>  | <b>OFR89-VIS</b><br>  | <b>OFR Vista Point5 Transition</b> –<br>For connecting OFR Series Raceway to Vista Point5 Architectural Columns.<br><br><b>Country of Origin: USA</b> |
| <b>OFRWC</b><br>           | <b>Overfloor Raceway Wire Clips</b> –<br>For holding conductors in place. Packed twelve (12) per pack.<br><br><b>Country of Origin: Mexico</b>   | <b>OFR89-VFL</b><br> | <b>OFR Large Vista Transition</b> –<br>For connecting OFR Series Raceway to Vista Architectural Columns.<br><br><b>Country of Origin: USA</b>         |
| <b>OFR89-2400</b><br>    | <b>OFR 2400 Raceway Transition</b> –<br>For connecting vertical runs of 2400 & 2400D Series Raceway with OFR Series Raceway. Includes removable divider than can be positioned to feed any raceway channel.<br><br><b>Country of Origin: USA</b> | <b>OFR11</b><br>    | <b>OFR Flat Elbow</b> – For making right angle turns on the same surface.<br><br><b>Country of Origin: USA</b>  |
| <b>OFR89-4000</b><br>   | <b>OFR 4000 Raceway Transition</b> –<br>For connecting vertical runs of 4000 Series Raceway with OFR Series Raceway. Includes removable divider than can be positioned to feed any raceway channel.<br><br><b>Country of Origin: USA</b>         | <b>OFR12</b><br>    | <b>OFR 45° Flat Elbow</b> – For making diagonal 45° turns on the same surface.  |
| <b>OFR89-DS4000</b><br> | <b>OFR DS4000 Raceway Transition</b> – For connecting vertical runs of DS4000 Series Raceway with OFR Series Raceway. Includes removable divider than can be positioned to feed any raceway channel.<br><br><b>Country of Origin: USA</b>        |                     |   |

## OFR Series Overfloor Raceway Ordering Information

| Catalog No./Item   | Description/Specifications  | Catalog No./Item   | Description/Specifications  |
|--|---|--|---|
| <b>OFR15</b><br>    | <b>OFR Tee/Cross</b> – For branching OFR Series Raceway at right angles. Remove twistout on cover to make a cross.<br><br><b>Country of Origin: USA</b>   | <b>OFR1</b><br>      | <b>OFR Coupling</b> – Joins lengths of OFRB-8 OFR Series Raceway Base together. Sold in pairs.<br><br><b>Country of Origin: Mexico</b>  |
|                     | <b>OFR Transition Box</b> – Allows cords and cables to make a smooth concealed transition to the underside of the table when used with the InteGreat™ Transition Channel (MRTC).<br><br><b>Country of Origin: USA</b> | <b>OFR9</b><br>      | <b>OFR Grounding Clip</b> – Connects equipment grounding conductor to provide ground to OFR Series Raceway. No. 10 ground screw provided.<br><br><b>Country of Origin: USA</b>                      |
| <b>OFR17</b><br>   | <b>OFR Inside Elbow</b> – For internal right angle turns of OFR Series Raceway.<br><br><b>Country of Origin: USA</b>  | <b>OFR47-B</b><br>  | <b>OFR Blank Device Plate</b> – For covering unused compartments in OFR48-2 and OFR48-4 Device Boxes.<br><br><b>Country of Origin: Mexico</b>   |
| <b>OFRPT3</b><br> | <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.<br><br><b>Country of Origin: USA</b>                   | <b>OFR47-D</b><br> | <b>OFR Duplex Device Plate</b> – For covering duplex style devices in OFR48-2 and OFR48-4 Device Boxes. Accepts 106 Frame.<br><br><b>Country of Origin: Mexico</b>                                  |
| <b>OFRPT4</b><br> | <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.<br><br><b>Country of Origin: USA</b>                   | <b>OFR47-R</b><br> | <b>OFR Decorator Device Plate</b> – For covering rectangular decorator style devices in OFR48-2 and OFR48-4 Device Boxes.<br><br><b>Country of Origin: Mexico</b>                                   |
|  |   | <b>OFR47-U</b><br> | <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.<br><br><b>Country of Origin: USA</b> |

## OFR Series Overfloor Raceway Ordering Information

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|--|---|--|--|
| <b>OFR47-V</b><br>  | <b>OFR Extron® AAP Device Plate</b> – Device plate that will accept two (2) Extron® Electronics AAP single space modules.<br><br><b>Country of Origin: USA</b>  | <b>OFR47-U2A</b><br> | <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.<br><br><b>Country of Origin: USA</b> |
| <b>OFR47-2A</b><br> | <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.<br><br><b>Country of Origin: Mexico</b> |  |  |