

1044-AP315

Recessed Suspended Ceiling Installation Kit for Wi-Fi Access Points / Aruba AP315 Trim / Spring Attached

Collection: In-Plane™ | Series: 1044

The Model 1044 In-Plane™ Series is an economical, aesthetic, and easy-to-install suspended ceiling mounting kit for APs and antennas from most vendors. A cutout is made in the ceiling tile, the tile bridge and back box is placed above the ceiling panel, and the AP or antenna is attached to the white trim. AP/antenna/trim assembly is then drawn into the back box with a torsion spring, much like a recessed lighting fixture, with only the front face exposed for optimal wireless coverage. The AP trim is easily swapped for new trim when AP brand or model changes.

Model 1044-FL and -FLRD: The AP or antenna is attached inside the back box on a universal mounting plate. A low profile ABS plastic cover fastens to the back box with torsion springs, concealing the AP and creating an aesthetic, paintable recessed installation. See configuration guide for other AP-specific trims.

Model 1044-ANTMNT: Conveniently mount multiple antennas in this low profile cover. Knockouts accommodate ceiling mounted antennas from many vendors. This can also be used as a temporary blanking plate to conceal the ceiling opening prior to AP/antenna installation.

Accessories

- [88-104X-ROUTER-TEMPLATE](#) - Route Opening Template for 1040 and 1044 series AP mounts



Features & Benefits

- Install and conceals APs and antennas from most vendors' in suspended ceilings
- AP mounts flush to the ceiling, providing an aesthetic, professionally installed appearance
- 20 ga. galvanized steel tile bridge and adjustable hanger wire prevent ceiling panel sag or cracking
- Easy to install, no lose hardware

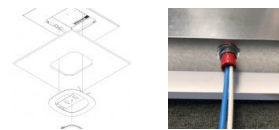
Technical Specifications

- Design: Economical, suspended ceiling installation kit for APs and antennas. AP mounts in interchangeable bracket and trim, providing a professional finish. (Model 1044-FL and -FLRD only: AP mounts in recessed box, and ABS plastic cover fastens to recessed box with torsion springs, providing a low profile, professional finish). Designed for all leading vendors' APs, as identified in Oberon's Model 1044 configuration guide
- Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
- AP/antenna trim is interchangeable for other APs or antennas. Trim attaches with torsion springs

Have questions about any of our solutions?

Contact us at **877-867-2312** or Sales@oberoninc.com

Shown with AP (not included)



3D view for 1044-AP315

Measurements (Maximum values*):

Width: 23.475 in.
 Back-box: xx in.
 Height: 16 in. Depth: 3 in.
 Item Weight: 8 lbs.
 Shipping Weight: 9 lbs.

Includes:

- (1) Backbox and tile bridge
- (1) AP specific Trim and bracket
- (1) ABS Plastic cover and Universal AP mounting plate (Model 1044-FL and -FLRD only)
- (1) Dual Cable Egress Firestop Grommet
- (1) 1 in. Trade Size Conduit Connector
- (4) 4' hanger wires
- Access Point Attachment Hardware
- Installation instructions

Patented

- Model 1044-FL and -FLRD only: ABS plastic cover is paintable and is virtually transparent to wireless signals. Plastic covers are interchangeable with other Oberon vendor specific AP trims
- Model 1044-ANTMNT only: white powder coated steel antenna mounting plate. 1 in. knockouts for up to five ceiling mounted antennas from most vendors. Also can be used as a temporary blanking plate
- Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
- 1 in. trade size knockouts in two walls
- Adjustable hanger wire to support enclosure and installed equipment independent of the ceiling system
- Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
- Construction: 20 ga. galvanized steel back-box and tile bridge, white powder coated steel trims. Model 1044-FL and -FLRD only: UL 94-5VA ABS Plastic cover.
- Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
- Maximum weight inside enclosure is 25 lbs.
- Size: Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm). -FL Cover: 13.5 x 13.5in. -FLRD Cover: 16.5 in. round
- Suitable for both North American and European (metric) ceilings
- Made in the USA

Safety & Standards

- UL 2416, Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure & Rack Systems
- CSA C22.2 NO. 60950-1-07 + Amd. 1 Amd. 2 Information Technology Equipment – Safety. Part 1, General Requirements

Fits the following AP's:

Aruba
AP-314, AP-315