

# 1047-ARAP315-T

Locking Suspended Ceiling Tile Wi-Fi Access Point Enclosure with 18.5 x 18.5 x 3 in. Back-Box / Aruba AP315 Door / Tegular Flange Style

Collection: Wi-Tile™ | Series: 1047

Economical, locking, suspended ceiling Wi-Tile™ enclosure mounts and secures Wi-Fi APs flush to the ceiling. This metal enclosure replaces a standard ceiling tile, and its larger back-box is suitable for larger APs and antennas. APs are mounted in the door, or inside the enclosure in models with the ABS or frosted polycarbonate plastic dome. The interchangeable door simplifies AP and antenna moves, adds, and changes. Several styles are available:

1047-XXXX: Lay-in flange for standard flush grid ceilings

1047-XXXX-T: Tegular flange for recessed grid ceilings

1047-XXXX-600MM: 600mm flange for European metric ceiling grids, lightweight aluminum backbox

1047-XXXX-LW: Lightweight aluminum backbox replaces steel backbox

## Accessories

- [39-BLANK-PLATE](#) - Blanking plate for Oberon Model 1046, 1047, 1051, 1052, 1076, and 1077 series Wi-Tile Ceiling Enclosures
- [39-CEILING-TBAR](#) - Ceiling Grid 24 in. Cross T-bar



## Features & Benefits

- Mount AP flush to the ceiling, revealing only the antenna face of the AP for optimal wireless coverage
- Attractive, textured, powder-coat finish matches many ceilings
- Larger back-box designed for securing most vendors' enterprise Wi-Fi and Small Cell APs
- Interchangeable doors permit simple migration to new APs and antennas
- Enclosure back-box is an effective dust barrier to simplify ICRA procedure compliance
- Swing down Universal AP mounting plate simplifies AP installation and maintenance (Model 1047-LPDOME and -FPDOME only)
- New version: lightweight (-LW) version with aluminum back box simplifies installation

## Technical Specifications

- Design: Economical ceiling tile enclosure designed for APs with integrated antennas. Fits into standard U.S. or European ceiling grid. (see Oberon's Model 1047 configuration guide)
- Performance: UL listed for low voltage applications. Designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13.
- Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.

Have questions about any of our solutions?

Contact us at **877-867-2312** or [Sales@oberoninc.com](mailto:Sales@oberoninc.com)

Shown with AP (not included)



3D view for 1047-ARAP315-T

### Measurements (Maximum values\*):

Width: 23.75 in.  
 Back-box: xx in.  
 Height: 23.75 in. Depth: 3.05 in.  
 Item Weight: 16 lbs.  
 Shipping Weight: 20 lbs.

### Includes:

- (1) Enclosure and Interchangeable Door
- (1) Mounting Bracket (not with -BLANK, -FPDOME, -LPDOME, -ND)
- (1) Dual Cable Egress Firestop Grommet
- (1) 1 in. Trade Size Conduit Connector
- (4) Hanger Wires
- (2) Keys for Lock (not with -ND)
- Access Point Attachment Hardware (Captive in Door, not with -ND)
- (4) #8-32 x 1/4 in. Screws (-CCOAP, -FPDOME, -LPDOME only)
- (4) 1/4 in. Standoffs (-CCOAP only)
- (4) #8-32 x 3/16 in. Screws (-COAP3800/4800 only)
- (4) #6-32 x 3/8 in. screws (-FPDOME, -LPDOME only)
- (4) #6-32 x 1/4 in. screws (-MR42, -MR52 only)
- (1) Universal Swing Down Mounting Bracket (-FPDOME, -LPDOME only)

Patented

- De-rate AP operating temperature range by 6°C when mounted in enclosure
- Locking, quick release interchangeable door for migration to other APs. Large door permits migration to large APs and domes
- Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
- 1 in. trade size knockouts in four walls
- Construction: 20 ga. galvanized steel back-box. (-600MM and -LW version: 16 Ga Aluminum back box). All versions: 20 Ga white, powder-coated steel flange, 18 Ga steel door. Model 1047-LPDOME: UL 94-5VA ABS plastic dome. Model 1047-FPDOME: UL 94-5VA Frosted Polycarbonate plastic dome
- Plastic domes are virtually transparent to wireless signals
- Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
- Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11. Includes hanger wire
- Maximum weight inside enclosure is 25 lbs.
- Size: 23.75 x 23.75 x 3.05 in, Back-box is 18.5 x 18.5 x 3 in.
- -600mm version: 594 x 594 x 77.5 mm. Back box is 470 x 470 x 76mm.
- -LPDOME and -FPDOME: 23.75 x 23.75 x 5 in.
- Weight: Typical weight is 16 lbs. -LW version is 10.5 lbs.
- Made in the USA
- Specify '-T': Tegular flange for recessed grid ceilings
- Specify '-600mm': European metric ceilings (594 x 594 mm tile flange. All other dimensions are the same)
- Specify '-LW' for lightweight aluminum backbox



## 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
- OSHPD Approval OPM-0110-13

### Fits the following AP's:

#### Aruba

AP-314, AP-315