Locking, 2' x 2' suspended ceiling tile enclosure mounts and secures wireless access point and DAS remote units with non-detachable or internal antennas. This steel enclosure replaces a standard ceiling tile, and its larger back-box is suitable for larger access points and antennas. The interchangeable door simplifies access point and antenna changes. Access points can be mounted in the door or inside the enclosure with the configurations with the dome.

Patent pending
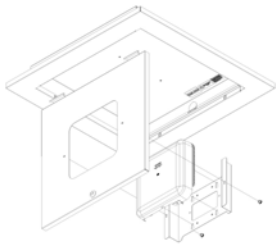
Features & Benefits

- Attractive, textured, powder-coat finish matches many ceilings
- Larger back-box designed for securing most vendors' enterprise wireless access points and DAS remotes
- Interchangeable doors permit simple migration to new access points and antennas
- Enclosure back-box is an effective dust barrier to simplify ICRA procedure compliance

Technical Specifications

- Design: Economical ceiling tile enclosure designed for wireless access points with integrated antennas. Fits into standard 2' x 2' (U.S.) ceiling grid. Door designed for Cisco APs.
- Performance: UL listed for low-voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13. De-rate AP operating temperature range by 6°C when mounted in enclosure.
- Locking, quick-release, interchangeable door for migration to other access points; large door permits migration to large access points and domes
- Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
- 1" trade size knockouts in four walls
- Construction: 20 ga. galvanized steel back-box. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind access point, creating an effective fire, smoke and dust barrier to simplify ICRA compliance.
- 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.
- For recessed grid ceilings, designate "–T" for tegular flange units
- Size: 23.75 inches by 23.75 inches by 3 inches (603 mm by 603 mm by 76mm); back-box is 18.5" by 18.5" x 3"

Standards for Safety

- 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-110-13

Configurations

Please specify AP-specific door. For other access points, please contact your Oberon representative.

Model Number	Description & Compatibility	Retrofit door P/N
1047-LPDOME	Susp ceiling AP enclosure with low-profile 13" x 13" x 2" ABS dome	38-47-LPDOME
1047-DOME	Susp Ceiling AP enclosure with 14" x14" x 4" ABS dome	38-47-DOME
1047-CCOAP	Susp Ceiling AP enclosure with door for Cisco 2600, 2700, 3500, 3600, 3700 Series APs	38-47-CCOAP
1047-CCOAP3800	Susp Ceiling AP enclosure with door for Cisco 2800, 3800 Series APs	38-47-CCOAP3800
1047-HLA	Susp Ceiling AP enclosure with door for Cisco Hyper Location antenna	38-47-HLA
1047-LPDOME-T	Susp ceiling AP enclosure with low-profile 13" x 13" x 2" ABS dome, tegular ceiling tile	38-47-LPDOME
1047-CCOAP-T	Susp Ceiling AP enclosure with door for Cisco 2600, 2700, 3500, 3600, 3700 Series APs, tegular ceiling tile	38-47-CCOAP
1047-CCOAP3800-T	Susp Ceiling AP enclosure with door for Cisco 2800, 3800 Series APs, tegular ceiling tile	38-47-CCOAP3800
1047-DOME-T	Susp Ceiling AP enclosure with 14" x14" x 4" ABS dome, tegular ceiling tile	38-47-DOME
1047-HLA-T	Susp Ceiling AP enclosure with door for Cisco Hyper Location antenna, tegular ceiling tile	38-47-HLA

Measurements *(Maximum values):*

- Height: 23.75 in.
- Width: 23.75 in.
- Depth: 3 in.
- Item Weight: 16 lbs.
- Shipping Weight: 20 lbs.

Includes

- (1) Dual Cable Egress Firestop Kit (1" trade size conduit connector and firestop grommet)
- (2) Keys for lock
- (4) Hanger wires
- Installation instructions

Documentation Links

Spec Sheet - oberoninc.com/index.php?option=com_content&view=article&id=2837&Itemid=399

Installation Instructions - oberoninc.com/images/WebDocs/Model1047-CCOAP_Installation_Instructions.pdf

Customer Prints - oberoninc.com/images/WebDocs/Model1047-XX_Customer_Print.pdf

OSHPD OPM Drawing - http://oberoninc.com/images/WebDocs/Oberon_OPM.pdf

SECTION 27_21_33 DATA COMMUNICATIONS WIRELESS ACCESS POINTS -

http://oberoninc.com/images/WebDocs/SECTION 27_21_33 DATA COMMUNICATIONS WIRELESS ACCESS POINTS.pdf

3D Model Viewer available at oberoninc.com

Images and documents may depict similar models in the product series.

Dimensional Images