



## Model 1047-LPDOME-T Susp Ceiling WAP Enclosure; low-profile ABS dome

Category: Suspended Ceiling Enclosures with Doors



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



Firestop Grommet

### 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. Access point mounts in interchangeable door. Fits into standard 2' x 2' (U.S.) ceiling grid. Plastic dome in door, suitable for most vendors' 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.
- Locking, quick release interchangeable door for migration to other access points
- 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. UL-94-5VA white ABS plastic dome; 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
- AP max. operating temperature should be de-rated by 6° C inside the enclosure
- Size: 23.75 inches by 23.75 inches by 3 inches (603 mm by 603 mm by 76mm); back-box is 12.5 inches by 12.5 inches x 3 inches

### 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 WAP-specific door. For other access points, please contact your Oberon representative.

Model Number	Description & Compatibility	Retrofit door P/N
1047-LPDOME	Susp ceiling WAP enclosure with low-profile 13" x 13" x 2" ABS dome	38-47-LPDOME
1047-DOME	Susp Ceiling WAP enclosure with 14" x14" x 4" ABS dome	38-47-DOME
1047-HLA	Susp Ceiling WAP enclosure with door for Cisco Hyper Location antenna	38-47-HLA
1047-LPDOME-T	Susp ceiling WAP enclosure with low-profile 13" x 13" x 2" ABS dome, tegular ceiling tile	38-47-LPDOME
1047-DOME-T	Susp Ceiling WAP enclosure with 14" x14" x 4" ABS dome, tegular ceiling tile	38-47-DOME
1047-HLA-T	Susp Ceiling WAP 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](http://oberoninc.com/index.php?option=com_content&view=article&id=2405&Itemid=399) - oberoninc.com/index.php?option=com\_content&view=article&id=2405&Itemid=399
-  [Installation Instructions](http://oberoninc.com/images/WebDocs/Model1047-LPDOME_Installation_Instructions.pdf) - oberoninc.com/images/WebDocs/Model1047-LPDOME\_Installation\_Instructions.pdf
-  [Customer Prints](http://oberoninc.com/images/WebDocs/Model1047-XX_Customer_Print.pdf) - oberoninc.com/images/WebDocs/Model1047-XX\_Customer\_Print.pdf
-  [OSHDP OPM Drawing](http://oberoninc.com/images/WebDocs/Oberon_OPM.pdf) - 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) - http://oberoninc.com/images/WebDocs/SECTION 27\_21\_33 DATA COMMUNICATIONS WIRELESS ACCESS POINTS.pdf

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