



Model 1047-COAP4800

Locking Suspended Ceiling Tile Wi-Fi Access Point Enclosure with 18.5 x 18.5 x 3 in. Back Box / Cisco 4800 Series AP Door

Category: WiTile



Locking, 2 x 2 ft. suspended ceiling tile enclosure mounts and secures AP 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 APs and antennas. The interchangeable door simplifies AP and antenna moves, adds, and changes. APs are mounted in the door, or inside the models with the ABS plastic dome. Styles available for both standard flush grid and recessed grid ceilings, and for both North American and European (metric) ceiling systems.

Patent pending



Features & Benefits

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

Technical Specifications

- Design: Economical ceiling tile enclosure designed for APs with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor's models (see Oberon's Model 1047 configuration guide)
- 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 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. 18 ga. white, powder-coated steel flange and door. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. Model 1047-LPDOME and 1047-DOME only: Paintable UL 94-5VA ABS plastic dome, dome is 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.
- For recessed grid ceilings, specify "-T" for tegular flange units
- Size: 23.75 x 23.75 x 3 in. (603 x 603 x 76 mm). Back-box is 18.5 x 18.5 x 3 in. (-LPDOME total depth is 5 in.)
- Specify "-600MM" for European (metric) ceiling (594 x 594 mm tile flange. All other dimensions are the same)

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-0110-13

Measurements (Maximum values):

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

Includes

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



Available Accessories

- [39-BLANK-PLATE](#): Models 1047(-T), 1052, 1076, & 1077(-T) Cisco enclosures (-CCOAP, -CCOAP3800), to temporarily fill cutout in door when AP is not in place

3D Interactive Models

 [Model Viewer at oberoninc.com](#)

Documentation Links

-  [Spec Sheet](#) - oberoninc.com/index.php?option=com_content&view=article&id=5454&Itemid=399
-  [Installation Instructions](#) - oberoninc.com/images/_Instructions/Oberon_Model_1047-COAP4800_Instructions.pdf
-  [Customer Prints](#) - oberoninc.com/images/_Customer_Prints/Oberon_Model_1047-COAP4800_Customer_Print.pdf
-  [Ceiling Tile Ordering Form](#) - oberoninc.com/images/WebDocs/Ceiling_Tile_Ordering_Form.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

Additional Information

 For Oberon product CAD files, contact customer service



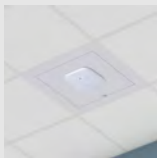


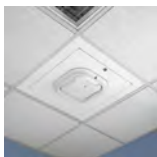
Configurations: Model 1047

Please specify configuration when ordering.

1047			
	AP DOOR (see Configurations)	TILE TYPE (T for tegular flange, otherwise leave blank)	TILE SIZE (*600MM for European metric ceiling grid, otherwise leave blank)
	* 600 mm metric ceiling tile is special order ONLY . Contact your Oberon Customer Service representative for more information.		

Examples:

1047- <u>LPDOME</u>	Model 1047 with LPDOME door, flange to match flat lay-in tile, flange size for North American ceiling systems
1047- <u>LPDOME-T</u>	Model 1047 with LPDOME door, flange to match tegular ceiling tiles for recessed grid, flange size for North American ceiling systems
1047- <u>CCOAP3800-600MM</u>	Model 1047 with door for Cisco 3800 Series AP, flange to match flat lay-in tile, European metric sized flange
1047- <u>AP335-T-600MM</u>	Model 1047 with door for Aruba AP335, flange to match tegular ceiling tiles for recessed grid, European metric sized flange

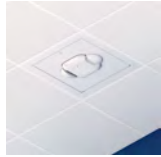
SKU	Description	Retrofit Door P/N	
 1047-AP325	Susp Ceiling AP enclosure with door for Aruba AP325	38-47-AP325	
 1047-AP335	Susp Ceiling AP enclosure with door for Aruba AP335	38-47-AP335	
 1047-CCOAP	Susp Ceiling AP enclosure with door for Cisco 2600, 2700, 3500, 3600, 3700 Series APs	38-47-CCOAP	
 1047-CCOAP3800	Susp Ceiling AP enclosure with door for Cisco 2800, 3800 Series APs	38-47-CCOAP3800	
 1047-COAP4800	Susp Ceiling AP enclosure with door for Cisco 4800 Series APs	38-47-COAP4800	
 1047-HLA	Susp Ceiling AP enclosure with door for Cisco Hyper Location antenna	38-47-HLA	



1047-LPDOME

Susp Ceiling AP enclosure with low-profile 13 x 13 x 2 in. ABS dome

38-47-LPDOME



1047-CCOAP-USCM

Susp Ceiling AP enclosure with door for Cisco APs with Universal Small Cell module

38-47-CCOAP-USCM



1047-MR42

Susp Ceiling AP enclosure with door for Meraki MR42

38-47-MR42



1047-MR52

Susp Ceiling AP enclosure with door for Meraki MR52

38-47-MR52



1047-ND

Susp Ceiling AP enclosure with no door

38-47-ND

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