



Model 1051-00

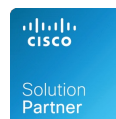
Locking Steel Recessed Wall and Hard-Lid Ceiling Wi-Fi Access Point Enclosure, 4.5 in. Deep Back Box / External Antenna Mounting Door

Category: **WiTile**



Locking hard lid ceiling or wall mount Wi-Tile™ enclosure is designed for Wi-Fi- and small cell wireless APs and DAS remote units with integrated or detachable antennas. This aesthetic, white powder-coated steel enclosure has an 17.5 in. square bezel which fastens into the ceiling or wall and simplifies access point moves, adds, and changes. The 1051-00 model has openings in the door to mount up to seven external antennas. Other configurations permit the AP or clear polycarbonate dome (1051-CP) to mount in the door. Interchangeable retrofit doors allow current owners to upgrade to new AP or antenna solutions from different vendors by swapping doors.

The -CCEA in the model number indicates that the enclosure has been specially sealed for use in pressurized spaces such as Hospital ORs, and to comply with City of Chicago Environmental Air (CCEA) standards, for plenum installation.



Features & Benefits

- Secure, conceal, and protect Wi-Fi and small cell APs in hard ceiling areas
- APs with internal or non-detachable antennas from most leading vendor's may be mounted in interchangeable Model 1051 doors (See Oberon's Model 1051 Configuration Guide)
- Interchangeable doors permit simple migration to new APs and antennas
- Back-box is deep enough to contain most vendors APs and connectors
- Enclosure back-box is effective dust barrier to simplify ICRA procedure compliance

Technical Specifications

- Design: 4.5 in. deep AP or DAS Remote Unit enclosure designed for recess installation in hard-lid ceilings (drywall, plaster and lath, stucco, block, core plank, etc.). Internal T-bar accommodates APs from most manufacturers
- This is a steel enclosure so antennas or APs be mounted externally on the door
- For model 1051-00, mount up to (7) external antennas on the door using the bulkhead connector kit for dipole antennas (Oberon P/N 35-BULKHD-KIT) or Oberon 34-ZDUAL or 34-DMDUAL antennas
- Performance: UL 50 listed for line voltage powered equipment, 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
- Fully hinged locking door, keyed alike. Doors are interchangeable
- Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
- 1 in. trade size knockouts in four walls
- Enclosure back box is effective as a dust barrier for ICRA procedure compliance
- CCEA version backbox is sealed to be used in pressurized rooms, and to be compliant with City of Chicago Environmental Air (CCEA) plenum requirement
- Construction: 16 ga. back-box, 14 ga. door, textured white powder-coated steel. Model 1051-DOME includes a UL 94-5VA white ABS plastic dome. Model 1051-CP includes a UL 95-5VA clear polycarbonate dome
- Size: Flange is 17.5 x 17.5 in. (445 x 445 mm). Back-box is 12.5 x 12.5 x 4.5 in. (318 x 318 x 114 mm). 4 in. (101 mm) useful depth with universal T-bar bracket in place
- Maximum weight to be installed inside enclosure is 25 lbs.

Standards for Safety

- UL 50 listed, TYPE 1, for indoor use only
- UL Listed and designed to meet National Electric Code Paragraphs 300-22 and 300-23 for installation in the above-ceiling space
- USL - Investigated using requirements contained in Standard UL 50 - Twelfth Edition, and UL 50E - First Edition
- CNL - Investigated using requirements contained in Canadian Standard CSA/C22.2 No. 94.1 and 94.2
- 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

Measurements (Maximum values*):

- Width: 17.5 in
- Height: 17.5 in
- Depth: 4.5 in.
- Item Weight: 16 lbs.
- Shipping Weight: 17 lbs.


Includes

- (1) Unit per carton
- (1) Internal universal AP mounting T-bar bracket
- (4) Hanger wires
- (1) Cable egress firestop Kit (1 in. trade size conduit connector, and firestop grommet)
- (2) Keys for lock
- (4) White cosmetic screw caps and (4) #10 ceiling/wall attachment screws
- Installation instructions


Available Accessories

- [34-BMANT24](#) - 2.4 GHz Single Band WiFi Antenna: NEMA4 Enclosures
- [34-BMANT5](#) - 5 GHz Single Band WiFi Antenna: NEMA4 Enclosures
- [34-ZDUAL-RPTNC](#) or [34-ZDUAL-RPSMA](#) - Aesthetic, low profile Dual Band Wi-Fi Antennas designed for Oberon Enclosures with RPTNC or RPSMA connectors

Documentation Links

-  [Installation Instructions](#) - oberoninc.com/images/_Instructions/Oberon_Model_1051-00_Instructions.pdf
-  [Customer Prints](#) - oberoninc.com/images/_Customer_Prints/Oberon_Model_1051-00_Customer_Print.pdf
-  [OSHPD OPM Drawing](#) - https://oberoninc.com/images/WebDocs/Oberon_OPM.pdf
-  [SECTION 27_21_33 DATA COMMUNICATIONS WIRELESS ACCESS POINTS](#)
- https://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 1051

Please specify configuration when ordering.

1051-

AP DOOR
(see Configurations)

CCEA (Sealed back box)
(otherwise leave blank)

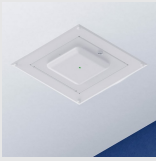
SKU	Description	Retrofit Door P/N
 1051-00	4.5 in. deep Recessed Wall and Ceiling AP Mount for up to 7 antennas	38-52-00
 1051-AP225	4.5 in. deep Recessed Wall and Ceiling AP Mount for Aruba AP225	38-52-AP225
 1051-AP325	4.5 in. deep Recessed Wall and Ceiling AP Mount for Aruba AP325	38-52-AP325
 1051-AP335	4.5 in. deep Recessed Wall and Ceiling AP Mount for Aruba AP335 or AP345	38-52-AP335
 1051-CCOAP	4.5 in. deep Recessed Wall and Ceiling AP Mount for Cisco APs	38-52-CCOAP
 1051-CCOAP3800	4.5 in. deep Recessed Wall and Ceiling AP Mount for Cisco 3800 APs	38-52-CCOAP3800
 1051-CP	4.5 in. deep Recessed Wall and Ceiling AP Mount for clear plastic dome	38-52-CP



1051-DOME

4.5 in. deep Recessed Wall and Ceiling AP Mount for ABS dome

38-52-DOME



1051-XXXX-CCEA

4.5 in. deep Recessed Wall and Ceiling AP Mount designed for CCEA (see above)

38-52-XXXX-CCEA

no image
available

1051-ND

4.5 in. deep Recessed Wall and Ceiling AP Mount, No Door

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