

# 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

Collection: Wi-Tile™ | Series: 1051

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.

## Accessories

- [34-ZDUAL-RPTNC](#) - Dual Band Wi-Fi Antennas for Oberon 1052-00 Wi-Tile Ceiling enclosures
- [34-ZDUAL-RPSMA](#) - Dual Band Wi-Fi Antennas for Oberon 1052-00 Wi-Tile Ceiling enclosures
- [34-DMDUAL](#) - Dual Band Wi-Fi Antenna Skybar NEMA4 Enclosures
- [34-BMANT5](#) - 2.4 GHz Single Band Wi-Fi Antenna for Skybar NEMA4 Enclosures
- [34-BMANT24](#) - 2.4 GHz Single Band Wi-Fi Antenna for Skybar NEMA4 Enclosures
- [39-CEILING-TBAR](#) - Ceiling Grid 24 in. Cross T-bar
- [39-BULKHD-KIT-RPTNC\(F\)](#) - Bulkhead RPTNC connector and jumper cable to mount antennas on Oberon NEMA 4 Wi-Fi AP Enclosures
- [39-BULKHD-KIT-RPSMA](#) - Bulkhead RPSMA connector and jumper cable to mount antennas on Oberon NEMA 4 Wi-Fi AP Enclosures



## 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 39-BULKHD-KIT-RPSMA/39-BULKHD-KIT-RPTNC) or Oberon 34-ZDUAL or 34-DMDUAL antennas

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)



### Measurements (Maximum values\*):

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

### Includes:

- (4) Wire Hangers
- (1) T-Bar Bracket
- (1) Dual Cable Egress Fire Stop Grommet
- (1) 1 in. Trade Size Conduit Connector
- (4) White Cosmetic Screw Caps
- (4) #10 Ceiling/Wall Attachment Screws
- (1) Grounding Screw
- (2) Keys for lock
- Installation Instructions

- 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.
- Made in the USA

## Safety & Standards

- 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

### Fits the following AP's:

#### Aruba

AP-134, AP-214, AP-224, AP-314, AP-324, AP-334, AP-344

#### Cisco

1600e/2700e/3500e/3600e/3700e/3700p Series, 1830e/1850e Series, 2800e/3800e Series

#### Extreme Networks

AP3710e, AP3715e, AP3765e, AP3767e, AP3805e, AP3825e, AP3865e, AP3935e, AP3965e