



Model 1052-DOME

4.5" Deep Suspended Ceiling Enclosure - ABS dome

Category: Suspended Ceiling Enclosures with Doors



This locking 2' x 2' suspended ceiling tile enclosure is designed for APs and DAS remote units with detachable antennas. This white powder-coated steel enclosure replaces a standard ceiling tile and is UL listed for installation in the plenum space. Interchangeable doors mount leading vendors APs and antennas nearly flush to the ceiling to provide for a professional, aesthetic installation. The interchangeable doors simplify AP moves, adds, and changes without lifting ceiling tiles.



Features & Benefits

- Locking ceiling tile enclosure designed specifically to secure wireless access points from most vendors
- UL Listed
- Meet NEC300-22 and 300-23 for plenum installations; approved for AC line power
- Fully-hinged locking door, keyed alike
- Interchangeable doors permit simple migration to new access points and antennas
- Back-box is deep enough to contain most vendors access points and connectors
- Enclosure back-box is effective dust barrier to simplify ICRA compliance in hospitals
- OSHPD approved

Technical Specifications

- Design: Ceiling tile enclosure with 9" diameter hemisphere ABS plastic dome, designed for access points with non-detachable antennas. (Such as Aruba Networks). AP-65 requires Aruba Networks AP-65-MNT mounting bracket. AP-121 and AP-125 require the Aruba Networks AP-120-MNT mounting bracket. (Order from Aruba Networks) antennas (AP-65, AP-121, AP-125). Enclosure shall be supported by the building ceiling structural system, not tile gridwork.
- Performance: UL Listed 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. Firestop grommet for insertion into back-box, large enough for 2 Cat6A cables
- 1" trade size knockouts in four walls
- Construction: 16 ga. galvanized steel back-box, 14 ga. door frame textured white powder-coated steel enclosure, UL-94V5A Classified, impact resistant. Textured white ABS dome. Fully hinged locking door, keyed alike.
- Flange Size: 23.75 inches by 23.75 inches by 2.5 inches (603 mm by 603 mm by 64 mm) inches deep., access point enclosure is 12.5 inches by 12.5 inches by 4.5 inches deep (318 mm by 318 mm by 114 mm deep). Dome is 9 inches (229 mm) diameter, 4.5 inches (114 mm) high.

Standards for Safety

- UL 50 listed, TYPE 1, for indoor use only
- 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

Configurations

| Model Number | Description & Compatibility | Retrofit Doors* |
|----------------|---|-----------------|
| 1052-00 | 4.5" deep Suspended Ceiling AP Enclosure to 7 antennas | 38-52-00 |
| 1052-AN-ANT16 | 4.5" deep Suspended Ceiling AP Enclosure Aruba antenna | 38-52-AN-ANT16 |
| 1052-AP135 | 4.5" deep Suspended Ceiling AP Enclosure Aruba AP135 | 38-52-AP135 |
| 1052-AP215 | 4.5" deep Suspended Ceiling AP Enclosure Aruba AP215 | 38-52-AP215 |
| 1052-AP225 | 4.5" deep Suspended Ceiling AP Enclosure Aruba AP225 | 38-52-AP225 |
| 1052-AP325 | 4.5" deep Suspended Ceiling AP Enclosure Aruba AP325 | 38-52-AP325 |
| 1052-CCOANT | 4.5" deep Suspended Ceiling AP Enclosure Cisco antenna | 38-52-CCOANT |
| 1052-CCOAP | 4.5" deep Suspended Ceiling AP Enclosure Cisco APs | 38-52-CCOAP |
| 1052-CCOAP3800 | 4.5" deep Suspended Ceiling AP Enclosure Cisco 3800 APs | 38-52-CCOAP3800 |
| 1052-DOME | 4.5" deep Suspended Ceiling AP Enclosure ABS dome | 38-52-DOME |
| 1052-ENT3610 | 4.5" deep Suspended Ceiling AP Enclosure Extreme AP | 38-52-ENT3610 |

* Retrofit/Adapter Doors make migrating to a new AP with an existing 1052 enclosure easy.

Measurements *(Maximum values):*

- Height: 23.75 inches
- Width: 23.75 inches
- Depth: 4.5 in.
- Item Weight: 16 lbs.
- Shipping Weight: 22 lbs.

Includes

- AP mounting screws
- (4) Suspension wires
- (1) Firestop Grommet
- Grounding screw
- Universal T-bar internal AP mounting bracket
- Mounting instructions

Available Accessories


Accessories


- 38-52-MNT-KIT


Cables for Oberon Antennas & Enclosures

- [34-DMDUAL](#) - Dual Band WiFi Antenna: NEMA4 Enclosures
- [34-ZDUAL](#) - Dual Band WiFi Antennas: Oberon Enclosures, RPTNC
- [39-BULKHD-KIT-RPTNC\(F\)](#) - Pigtail Cable for Antennas on Enclosure Door - RPTNC
- [39-BULKHD-KIT-RPSMA](#) - Pigtail Cable for Antennas on Enclosure Door - RPSM


Documentation Links

 [Spec Sheet](http://oberoninc.com/index.php?option=com_content&view=article&id=1227&Itemid=399) - oberoninc.com/index.php?option=com_content&view=article&id=1227&Itemid=399

 [Installation Instructions](http://oberoninc.com/images/WebDocs/Model1052-DOME_Installation_Instructions.pdf) - oberoninc.com/images/WebDocs/Model1052-DOME_Installation_Instructions.pdf

 [Customer Prints](http://oberoninc.com/images/WebDocs/Model1052-DOME_Customer_Print.pdf) - oberoninc.com/images/WebDocs/Model1052-DOME_Customer_Print.pdf

 [App Note - Wireless Coverage FAQ](http://oberoninc.com/images/WebDocs/Application_Note_Wireless_Coverage_FAQ.pdf) - oberoninc.com/images/WebDocs/Application_Note_Wireless_Coverage_FAQ.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](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.

Dimensional Images

