Locking suspended ceiling enclosure secures general purpose telecom/zone equipment and used for attaching (2) directional antennas and APs. Secure active equipment including Optical Network Terminals (ONTs), small workgroup switches, APs, DAS remote access units (RAUs), and directional antennas. The dome is ABS plastic and virtually transparent to wireless signal. Fire-stopped openings for the multi-fiber array modules and multi-copper connector modules used in pre-terminated solutions.

Features & Benefits

- 2' x 2' Ceiling tile telecommunications enclosure designed for pre-terminated "plug-n-play" copper and fiber optic cable assemblies in a zone structured cabling design. This is an ideal solution for installing non-plenum rated components in, or above, the ceiling

- Also designed for non-plenum rated powered equipment, including Optical Network Terminals (ONTs), small workgroup switches, wireless access points, and DAS remote access units (RAUs).

- UL listed and designed to meet National Electric Code paragraph 300-22(C) for use in the above-ceiling (plenum) space. Metal enclosures satisfy UL 2043, Fire Test for Heat and Visible Smoke Release

- Interchangeable doors allow for technology changes and upgrades without removing enclosure from the ceiling

- Enclosure back-box is effective smoke and dust barrier to simplify ICRA procedure compliance

- Includes 19" internal rack mounting brackets for networking and wireless equipment

- Includes receptacle and junction box for plugging in ac powered equipment

- Cooling is provided by passive convection for Models 1074-04-VENT and 1074-06-VENT

Technical Specifications

- Design: General-purpose telecommunications, ceiling mounted, consolidation enclosure, shall be a locking, 2 feet by 2 feet (610 mm by 610 mm) ceiling tile enclosure designed to accommodate up to 3 standard (1U) rack-mountable components. Suitable for non-plenum rated equipment.
- Performance: UL-Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air-handling space. OSHPD approved.
- Fully-hinged locking door, keyed alike; door is ABS plastic and virtually transparent to wireless signal
- Knockouts for two AC receptacles, eight .75" trade size conduit connectors, and four 5" wide fire stopped openings
- Includes two 5" cable egress firestop foam kits, and one .75" trade size firestop foam kit
- Includes pair of rack mount brackets, AC receptacle and junction box, and hanger wire
- Construction: White, 10 ga. powder-coated aluminum back-box and flange; white, 8 ga. powder-coated aluminum door
- Enclosure shall be supported by the building ceiling structural system, not tile grid work
- Maximum weight inside enclosure is 25 lbs.
- Size: Flange is 23.75 inches by 23.75 inches (610 mm by 610 mm); enclosure is 22.7 inches by 22.7 inches by 4.5 or 6.5 inches deep (577 mm by 577 mm by 115 mm deep); Dome is 358mm x 358mm x 99mm

Standards for Safety

- OSHPD Approval OPM-110-13

Configurations

Model Number	Description	Depth
1074-04-ANT7	2U Susp Ceiling Zone Enclosure-Up to 7 antennas in door	4" back-box
1074-06-ANT7	3U Susp Ceiling Zone Enclosure-Up to 7 antennas in door	6" back-box
1074-04-VENT	3U Susp Ceiling Zone Enclosure-Ventilated door	4" back-box
1074-06-VENT	4U Susp Ceiling Zone Enclosure-Ventilated door	6" back-box
1074-04-PROJ	2U Susp Ceiling Zone Enclosure-Projector mount in door	4" back-box
1074-06-PROJ	3U Susp Ceiling Zone Enclosure-Projector mount in door	6" back-box
1074-04-DOME	3U Susp Ceiling Zone Enclosure-Dome in door	4" back-box
1074-06-DOME	3U Susp Ceiling Zone Enclosure-Dome in door	6" back-box

* For custom configurations, please contact your Oberon representative.

Measurements *(Maximum values):*

- Height: 23.75 in.
- Width: 23.75 in.
- Depth: 4.5 in.
- Item Weight: 22 lbs.
- Shipping Weight: 23 lbs.

Includes

- (8) Wire hanger
- (1) UL listed electrical receptical box and cover
- (2) 3 RU rack-mounting bracket
- (4) Wire management J-Hooks
- (2) Large cable egress fire stop foam kit
- (1) Small cable egress fire stop foam kit
- (4) #6-20 3/8" self-tapping screw

Videos - https://www.youtube.com/user/oberoninc

1074 Series Video View at https://youtu.be/hpU47qchFgQ

Documentation Links

Spec Sheet - oberoninc.com/index.php?option=com_content&view=article&id=3135&Itemid=399

Installation Instructions - oberoninc.com/images/WebDocs/Model1074-DOME_Installation_Instructions.pdf

Customer Prints - oberoninc.com/images/WebDocs/Model1074-DOME_Customer_Print.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

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