Locking suspended ceiling enclosure secures general purpose telecom/zone equipment and is a consolidation point for securing pre-terminated "plug-n-play" copper and fiber optic cable assemblies. Secure active equipment including Optical Network Terminals (ONTs), small workgroup switches, WAPs, and DAS remote access units (RAUs). Patented ventilated door. Fire-stopped openings for the multi-fiber array modules and multi-copper connector modules used in pre-terminated solutions.
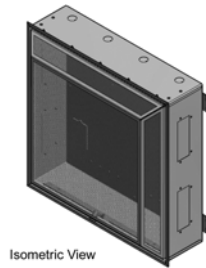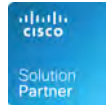
Isometric View

## 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.
- Configuration: Model 1074-04-VENT: 4-1/2 inches (114 mm) deep; 2U rack mount brackets; beveled, ventilated door
- Configuration: Model 1074-06-VENT: 6-1/2 inches (165 mm) deep; 3U rack mount brackets; beveled, ventilated door
- 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 beveled and highly perforated for ventilation
- 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)

## 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 |

\* For custom configurations, please contact your Oberon representative.

## Measurements *(Maximum values):*

- Height: 23.75 in.
- Width: 23.75 in.
- Depth: 6.5 in.
- Item Weight: 22 lbs.
- Shipping Weight: 23 lbs.

## Includes

- (8) Wire hanger
- (1) UL listed electrical receptical box and cover
- (2) 4 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

## Available Accessories

- 35-5FIRESTOP-KIT - Large cable egress fire stop kit (5" opening clamp and fire stop foam insert)
- 35-1FIRESTOP-KIT - Small cable egress fire stop kit (¾" trade size conduit connector and fire stop foam)

# Documentation Links

Spec Sheet - oberoninc.com/index.php?option=com_content&view=article&id=1362&Itemid=399

Installation Instructions - oberoninc.com/images/WebDocs/Model1074_Installation_Instructions.pdf

Customer Prints - oberoninc.com/images/WebDocs/Model1074-06-VENT_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

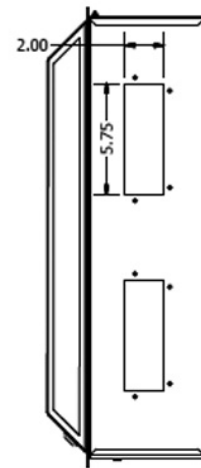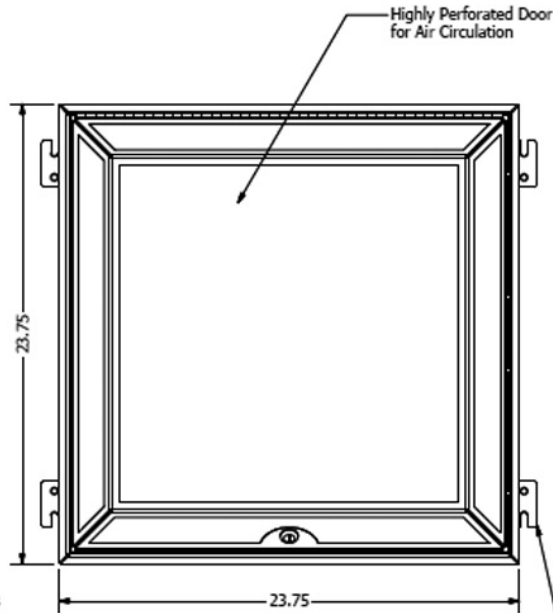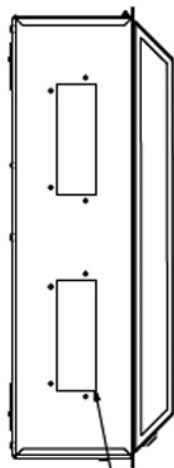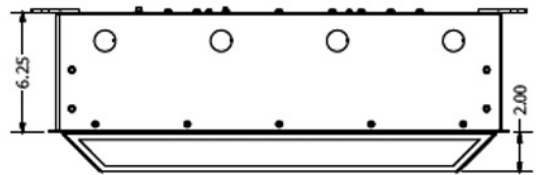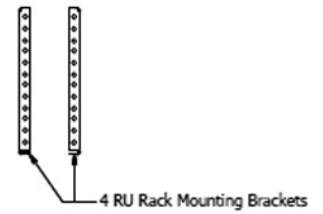*Images and documents may depict similar models in the product series.*

# Dimensional Images

Wire Management J-Hook
(4X)

4 RU Rack Mounting Brackets

Receptacle Knockout
(4X)

6.25

2.00

Highly Perforated Door
for Air Circulation

2.00

5.75

23.75

23.75
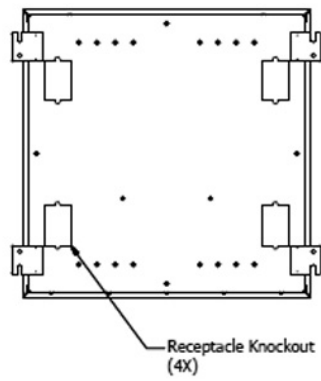
Large Cable Egress
Knockout (4X)

Wire Hanger or All Thread
Attachment Point (4X)

Large Cable Egress
Fire Stop Foam Kit
(2) Fire Stop Foam
(2) Clamps
(4) No. 8-32 Hex Nuts

8.25

Small Cable Egress Fire Stop Foam Kit
(1) 3/4" Tradesize Conduit Clamp
(1) Fire Stop Foam

3/4" Tradesize Knockout
(8X)