

Model 1070-00

Ceiling Mounted Workspace Telecommunications Enclosures

Oberon's Model 1070 ceiling mounted telecommunications enclosure is a secure, convenient, and aesthetic telecommunications enclosure for ac powered, rack mountable Ethernet switches, patch panels, wireless controllers and other networking and A/V components. The 1070 has mounting brackets for up to 2 standard (1U) rack mountable components, and back-box openings to mount a patch panel and CCH fiber optic adaptor panel. The enclosure has a highly perforated door to allow airflow, for fan-less operation. The 1070 is ideal for zone and structured cabling and Fiber-to-the-Enclosure (FTTE) deployments. The enclosure can be used to shorten home-runs to improve data rate and network capacity.



Model 1070-BL



Model 1070-WH

Model 1070 Telecommunications Enclosure shown with 48-port Ethernet Switch and Patch Panel (not included)

Specifications:

- 2' x 2' suspended ceiling telecommunications enclosure (TE) designed for multiple networking components
- Adjustable 19" rack mounting brackets for 2U deep equipment, opening in back box for 19" patch panel and openings in sidewall for CCH style fiber optic adapter panel
- UL Listed and designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling (plenum) space.
- OSHPD approved OPA # 1638 (up to 25lbs total weight)
- Construction: 16 ga. back-box, 14 ga. door textured, black (-BL) or white (-WH), powder coated aluminum
- Fully hinged locking door, keyed alike
- Size: Fits in standard 2' x 2' ceiling grid, back box is 22.5" x 22.5" x 3" deep. Door projects 2" into room space
- Highly perforated door permits air-flow without a fan. De-rate networking equipment by 13° F (This is comparable to the temperature rise in an open rack).
- Weight: 12 lbs (not including networking equipment)
- Enclosure must be supported by the building ceiling structural system, not tile gridwork.

Model 1070 Includes:

- (1) AC Junction box, receptacle, cover and screws, grounding lug
- (1) ½" Trade size conduit connector, (4) Suspension wires
- (1) pair of rack mounting brackets, (4) Rack mounting screws
- Worklight (plugs into ac receptacle), Installation instructions
- Available in Black (1070-BL) and White (1070-WH)

Model 1070 (Cont.)

Ceiling Mounted Telecommunications Enclosures



An opening in the back box accommodates a standard 1U rack mountable patch panel (not included). This permits simplified cable management.



An opening in the side wall accommodates a Closet Connector Housing (CCH) style fiber optic adaptor panel for Fiber To the Enclosure (FTTE) deployments (CCH not included).



A highly perforated door permits passive air-flow for fan-less operation. The locking door uses a gas spring opener.