Oberon's Model 1070 ceiling mounted telecommunications enclosure is a secure, convenient, and aesthetic telecommunications enclosure for 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 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-WH

Model 1107-BL

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

Specifications:

- Telecommunications Enclosure (TE) designed for suspended ceiling environments
- Designed to accommodate up to 2 standard (1U) rack mountable components
- Includes back-box openings for standard (1U) rack mountable patch panel and a CCH fiber optic adaptor panel (not included)
- UL Listed and is designed to satisfy National Electric Code (NEC) paragraphs 300-22 and 300-23 for installation in the air handling space
- Designed to fit into 2' x 2' ceiling tile grid-work, accommodates networking equipment up to 2U deep and 14" in length
- Construction: Black powder coated aluminum
- Highly perforated door permits air-flow without a fan. De-rate networking equipment by 13º F (This is comparable to the temperature rise in an open rack).
- Weight: 7 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
- (1) ½" Trade size conduit connector
- Grounding lug
- (4) Rack mounting screws
- Installation instructions
- Available in Black (1070-BL) and White (1070-WH)

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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.

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