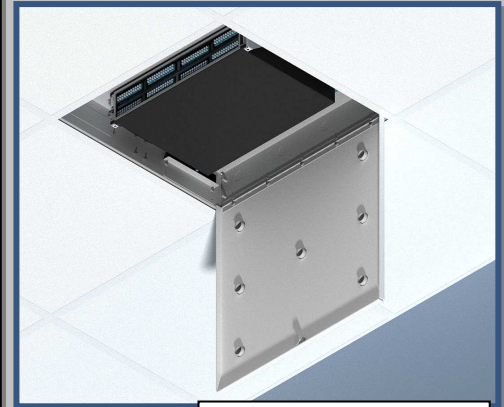


STRUCTURED & PRE-TERMINATED CABLING SYSTEMS

Structured cabling is a telecommunications cabling infrastructure for a building or campus which consists of a number of standardized smaller subsystems. Structured cabling is comprised of Cabling Subsystems and Distributors, and these subsystems may be defined as "zones" physically realized in a facility. Zone enclosures are metal enclosures designed to protect and secure distributor and consolidation point hardware such as patch panels, cables, and fiber splitters at the point where they are physically required, rather than in a telecommunications room. Zone enclosures are particular useful when cabling for high-density Wi-Fi deployments where large numbers of access points are deployed in the ceiling.

An emerging cabling method is to use pre-terminated, or "plug-and-play," cabling bundles comprised of copper cable or fiber optics cut to length, and factory terminated in modular connectors, fiber-optic connectors, or connector assemblies. This eliminates field termination and can speed installation. Because of the size of the cable/fiber bundles and their respective connectors, it is difficult to use existing zone enclosures because they do not have cable ingress/egress openings large enough for these cable bundles. Further compounding this problem is the fact that CAT6A cables have a larger diameter than prior generations of cabling.



Model 1074 Series

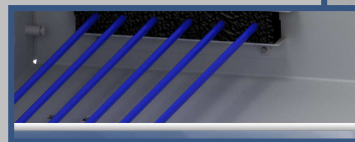


Oberon 1074 series ceiling zone enclosures can be used for passive, pre-terminated cabling consolidation points and for active networking equipment

PASSIVE OPTICAL NETWORKING (PON), WORKGROUP SWITCHES, WIRELESS, & DAS CEILING EQUIPMENT

PON equipment such as passive splitters and active Optical Network Terminations (ONTs) can also be protected in ceiling mounted enclosures. Rather than placing ONTs on the desktop, they can be secured in the ceiling enclosure. Oberon's 1074 ceiling enclosures include mounting brackets for standard 19" rack mountable equipment, and can be ordered with a highly-perforated, beveled door to allow for cooling of active electronics within (-VENT door option). Conveniently mount workgroup and edge switches, A/V equipment, DAS remote units, and other networking components in the ceiling.

Oberon 1074 series Zone Enclosures have cable/fiber egress openings large enough for pre-terminated cable/fiber bundles and connector assemblies. These cable egress openings include a fire-stop kit for N.E.C compliance.



BENEFITS

- Place active and passive networking equipment in the work space ceiling
- Reduce crowding in telecom room
- Shorten home run cable lengths
- National Electric Code compliance
- Physically secure equipment in the workspace

FEATURES

- UL Listed, OSHPD approved; designed to satisfy N.E.C. for installation in plenum space
- 2' x 2' steel and aluminum ceiling tile enclosure drops into standard suspended ceiling
- Attractive, textured, white powder coat finish
- Non-metallic domes are virtually transparent to wireless signals
- Interchangeable locking doors simplify moves, adds, and changes to new access points or antennas
- 19" rack mounting brackets for most vendors' rack-mountable equipment



CONTACT

Additional information
on wireless network
infrastructure is
available at:

[http://www.oberonwireless.com/
faq-resources.php](http://www.oberonwireless.com/faq-resources.php)

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