

Opt-X® Wall-Mount Enclosures

Small, Medium, and Large



APPLICATION

For wall-mount fiber applications requiring patching, cross-connect, and/or splicing of single-mode or multimode fibers while utilizing a minimum of space.



Note: adapter plates sold separately

SPECIFICATION

The enclosure shall mount on a wall in an 8"x13", 12"x14" or 17"x15" footprint. Adapters shall be mounted in metal mounting plates and attached to the enclosure using plastic plungers. There shall be cable entrance ports in the top and bottom of the patch panel on both the distribution and patch sides. Cable entrance ports are designed with a strain relief post with a slot capable of holding a tie wrap. The enclosure shall provide strain relief in the form of a grounding lug and multiple tie wrap points. The enclosure shall have a plastic fiber management ring made of high impact UL 94V-0 rated fire-retardant plastic. This ring must be stackable and adjustable. A port identification label/card shall be provided. The enclosure shall be made of 16-gauge steel powder coated black.

FEATURES

- Self-healing grommet material at all cable entry/exit points
- Stackable and adjustable fiber management rings
- Large enclosure includes eight plastic blank adapter plates to inexpensively fill up any unused areas — an economical and attractive way to leave room for expanding the enclosure capability.

DESIGN CONSIDERATIONS

- Enclosures are sold empty. Order loaded Opt-X® adapter plates separately
- Specify the type of adapter plates to be installed in enclosure
- Specify if splicing is to be used, and if so, what type
- Recommend that enclosures be arranged to allow future growth
- Designation stickers allow identification of port assignments
- Enclosures are capable of storing up to 3 meters of 900 micron tight buffered fiber per adapter
- Door options: solid or split-hinged metal. Specify if a lock is required on the distribution side, patch side, or both
- Includes hardware kit with hook and loop ties, screws, a caution label, and cable ties

STANDARDS COMPLIANCE

Meets all applicable standards: UL Listed; meets or exceeds all TIA/EIA-568-B requirements

PHYSICAL SPECIFICATIONS

Dimensions:

- Large - 17.0"H x 15.0"W x 5.25"D
- Medium - 12.0"H x 14.0"W x 5.25"D
- Small - 8.0"H x 13.0"W x 3.5"D

Materials

- Enclosures: 18-gauge steel, powder coated black with white Leviton logo
- Fiber Management Rings: Self-extinguishing plastic rated UL 94V-0
- Grommet material: Ensolute™

Enclosures accept all Opt-X adapter plates. See chart for number of fibers in various configurations.

WARRANTY INFORMATION

Two-year limited product warranty. For a copy of Leviton product warranties, visit www.leviton.com.

FIBER DENSITY CHART — WALL MOUNT ENCLOSURES								
	6-pack ST or FC	8-pack ST or FC	3-pack Duplex SC	6-pack Duplex SC	6-pack MT-RJ	12-pack MT-RJ	6-pack Duplex LC	6-pack Quad LC
Small Holds up to 2 adapter plates	Up to 12 fibers	Up to 16 fibers	Up to 12 fibers	Up to 24 fibers	Up to 24 fibers	Up to 48 fibers	Up to 24 fibers	Up to 48 fibers
Medium Holds up to 4 adapter plates	Up to 24 fibers	Up to 32 fibers	Up to 24 fibers	Up to 48 fibers	Up to 48 fibers	Up to 96 fibers	Up to 48 fibers	Up to 96 fibers
Large Holds up to 12 adapter plates	Up to 72 fibers	Up to 96 fibers	Up to 72 fibers	Up to 144 fibers	Up to 144 fibers	Up to 288 fibers	Up to 144 fibers	Up to 288 fibers