

Opt-X[®] SDX Wall-Mount Enclosures Small, Medium, and Large

APPLICATION

Opt-X SDX Wall-Mount Enclosures allow for inter-connect or cross-connect between cable and active equipment while using minimum wall space. The enclosure features and design allow for easy field termination of connectors, splicing, or pre-terminated plug-and-play solutions. The fiber enclosures are primarily used in controlled indoor applications, such as in entrance facilities, equipment rooms, and telecommunications rooms.



Small Wall-Mount



Medium Wall-Mount



Large Wall-Mount

SPECIFICATION

Opt-X SDX Wall-Mount Enclosures shall be available in multiple sizes to accommodate for field connector termination, heat-fusion splicing, and plug-and-play MTP[®] cassettes for up to 288 fibers (LC), as well as copper connectivity up to 72 ports. Large-size enclosures can be retrofitted in the field to a splice-only configuration for up to 576 heat-fusion single or 1728 Ribbon splicing. Enclosures can be oriented for left- or right-side patching to provide added flexibility. Adapter bulkhead shall accept Opt-X SDX Precision-Molded Adapter Plates, SDX Splice Modules, and SDX MTP Cassettes in LC, SC, ST, and MTP connectivity. Fiber cable management for routing, storage, and protection shall accept tight-buffered fiber and backbone cables. Enclosures shall be constructed of 16-gauge steel with a powder-coated black finish and be mountable on a wall. An optional key/lock kit shall be available to lock the service side door or both service-side and customer-side doors.

FEATURES

- Dual doors (service side and customer side) with slam latches for ease of access
- Low-profile (depth) minimizes protrusion from the wall
- Large-size enclosure can be retrofitted in field for splice only enclosure (accepts up to 24 splice trays)
- Accepts SDX Adapter Plates, Splice Modules, MTP Cassettes, and Splice Trays for multiple solution capabilities
- Removable cable entry/exit grommets protect cable and minimize dust
- Ground lug provided for grounding of armored cable
- Optional cable strain-relief mounting kit protects incoming cable
- Optional key/lock kit secures service-side door or service-side and customer-side doors
- Optional HDX-to-SDX conversion adapter bracket accepts HDX Adapter Plates and HDX Cassettes

DESIGN CONSIDERATIONS

- Enclosures are sold empty (unloaded)
- Stores up to three meters of 900 μ m tight-buffered fiber per adapter
- Enclosures are powder-coated black (custom white available)
- Enclosures include an accessory kit consisting of VELCRO[®] brand cable ties, mounting screws, cable managers, port ID labels, blank plates and CAM lock (for splice-only enclosure)
- Copper connectivity using SDX QuickPort[®] plate (5F100-6QP)

STANDARDS & REGULATIONS

- ANSI/TIA-568.3-D
- UL 2043 Plenum Certified (small and medium sizes)
- cUL 2043 Plenum Certified (small and medium sizes)

MECHANICAL SPECIFICATIONS

Dimensions: See page two

Materials: Enclosures: 16-gauge steel, powder-coated black, white logo
Cable entry/exit grommet: Santoprene[™]

Operating Temperature: -10 °C to 60 °C

Installation Temperature: -10 °C to 60 °C

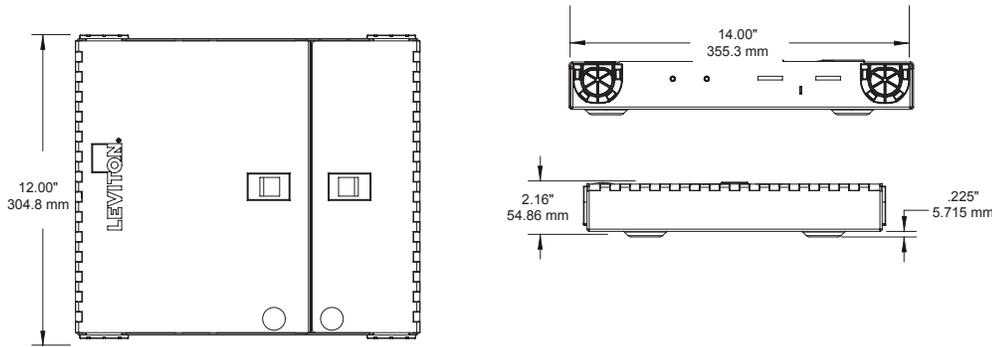
WARRANTY INFORMATION

For Leviton product warranties, go to leviton.com/ns/warranty

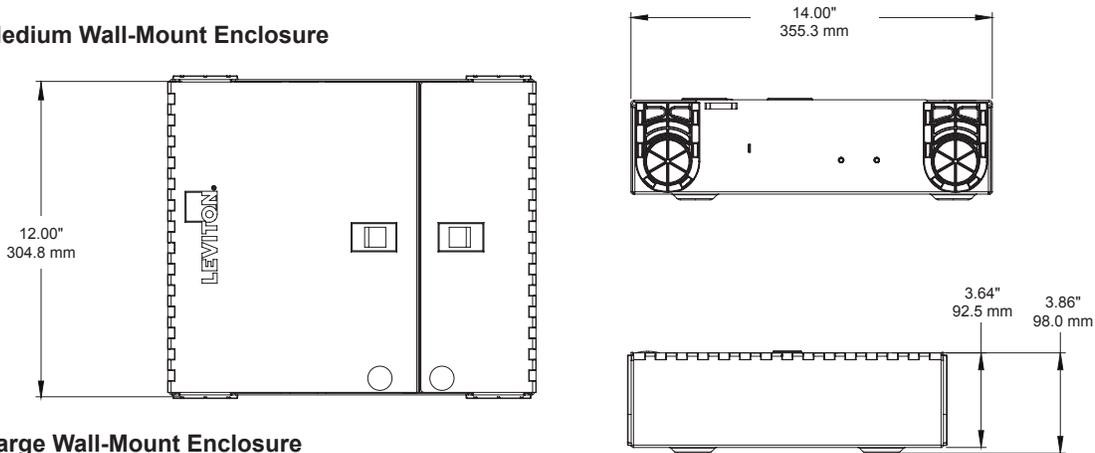
CHARACTERISTICS

Size	# of SDX	MTP™ (12f / 24f)	Fiber Density			Copper Density
			LC	SC	ST	CAT 6A
Small	2	192 / 384	48	24	16	12
Medium	4	384 / 768	96	48	32	24
Large	12	1,152 / 2,304	288	144	96	72

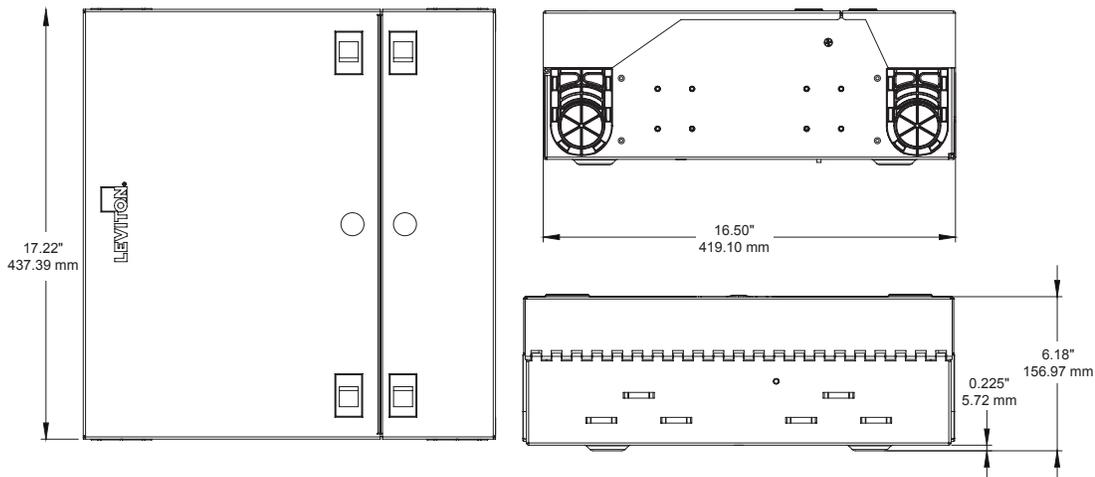
Small Wall-Mount Enclosure



Medium Wall-Mount Enclosure

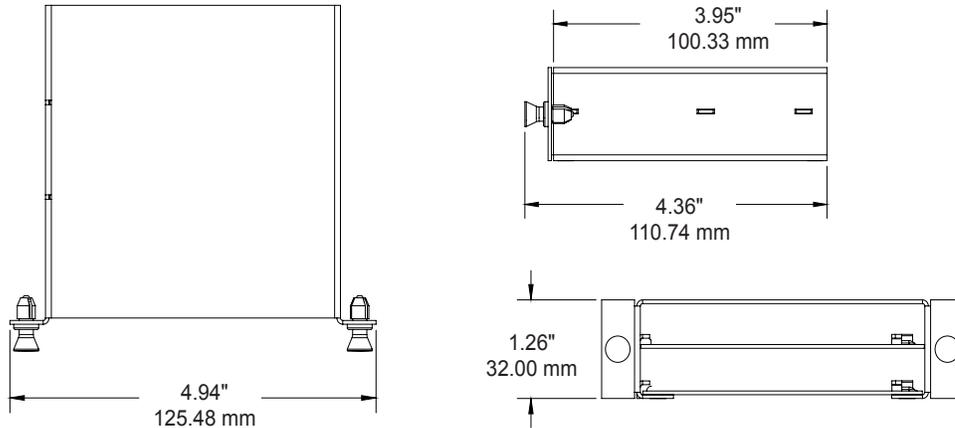


Large Wall-Mount Enclosure



PRODUCT SPECIFICATIONS
5Wxxx-xxC

HDX-to-SDX Adapter Bracket



SPLICE TRAY CAPACITY

	Heat shrink (plastic holders)	Small	Medium	Large
Metal splice tray (0.25 inches height)				
12-Fiber Mini, 4 inches x 7 inches	T47HS-P06	2	4	12
12-Fiber Mini, w/ standoff, 4 inches x 7 inches	5T000-00T	2	4	12
72-Fiber High Density, 6 inches x 10 inches	T6XRB-40Q	2	4	12/24
Injection molded splice tray (mini - 0.39 inches height, high-density - 0.43 inches height)				
12-Fiber Mini, 3.74 inches x 5.59 inches	T5PLS-12F	2	4	12/24
24-Fiber High-density, 4.5 inches x 7.63 inches	T5PLS-24F	2	4	12/24

OPT-X[®] SDX WALL-MOUNT ENCLOSURES & ACCESSORIES

Description	Part No.
Small Enclosure, empty with dual door, no lock	5WSML-02C*
Medium Enclosure, empty with dual door, no lock	5WMED-04C*
Large Enclosure, empty with dual door, no lock	5WLRG-12C*
Lock and key	5L000-KAL
Splice tray mounting hardware kit	SPLMT-HKT
Cable clamp kit (single grommet)	5RCMP-KIT
Cable clamp kit (multiple cable grommets)	5RCMP-KT2
HDX-to-SDX adapter bracket	HDXAD-ACC

* Contact Inside Sales for white colored option. Minimum order quantities and lead time may apply.

For further support information, visit leviton.com/ns/support

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