

Opt-X® 1000i HDX Rack-Mount Enclosures, 1RU & 2RU

APPLICATION

The Opt-X 1000i HDX Rack-Mount Enclosure allows for inter-connect or cross-connect between backbone cable and active equipment while using minimum rack space in a frame or cabinet setting. The enclosure's features and design allow for easy field termination of connectors, or pre-terminated plug-n-play solutions. The enclosure is primarily used in fiber applications such as data centers, equipment rooms, and telecommunication rooms.



SPECIFICATION

Fiber enclosure shall be available in 1RU and 2RU, versions to accommodate termination of up to 96 LC fibers and 192 LC fibers, respectively. A removable sliding tray shall also be available in 1RU and 2RU enclosures. Adapter bulkhead shall accept LC, SC, and MTP® adapters, and plug-n-play MTP cassettes. Fiber cable management for routing, storage, and protection shall accept patch cords, tight-buffer fiber, and backbone cables. Multiple tie down points shall be available for rear cable management. Enclosure shall be constructed of 16-gauge steel with a powder-coated black finish and be mountable in either a 19- or 23-inch rack or cabinet frame. An optional locking door feature shall be available. Country of origin for the enclosure shall be United States of America.

FEATURES

- Up to 96 fibers (using LC) capacity in a 1RU enclosure and 192 fibers in a 2RU enclosure using HDX high-density cassettes and adapter plates
- Up to 1,152 fibers in a 1RU enclosure and 2,304 fibers in a 2RU enclosure using adapter plates with 24-fiber MTP connectors
- Sliding tray (in 1RU & 2RU) removes completely from enclosure for ease of field terminations
- Sliding tray glides forward and backward, providing accessibility to front and rear bulkhead after installation
- 15-inch depth for high-density fiber termination
- Front saddles pivot for improved patch cord routing
- Front and rear covers remove for access to interior of enclosure
- Removable rubber grommet allows for pre-terminated fiber trunk install, protects cable, and minimizes dust build-up
- Constructed of 16-gauge steel, powder-coated black

DESIGN CONSIDERATIONS

- Enclosures are sold unloaded or can be pre-configured (see page two for options)
- Accepts HDX high-density adapter plates and cassettes
- Optional cable strain relief mounting kit (for installation on side of enclosure or on rack post)
- 19- or 23-inch enclosure rack mount options (23-inch 1RU mounting bracket sold separately)
- Protrudes 4.5 inches from mounting ears to align with Leviton Versi-Duct® Cable Management System
- Door lock option available on front, rear, or both
- Accessory kit consists of cable ties, mounting ear screws, blank plates, ID label, and spiral wrap (for cable protection on units with a sliding tray)

STANDARDS COMPLIANCE

Meets or exceeds all ANSI/TIA-568-C.3 requirements

PHYSICAL SPECIFICATIONS

Capacity and dimensions: See page two.

Materials: Constructed of 16-gauge steel, powder-coated black. Plastic parts made using self-extinguishing ABS and polycarbonate materials rated UL 94V-2. Grommet material made of Santoprene®, a thermoplastic rubber elastomer.

COUNTRY OF ORIGIN

USA

WARRANTY INFORMATION

For warranty information, go to leviton.com/warranty.

5R1UM-S08, 5R2UM-S16

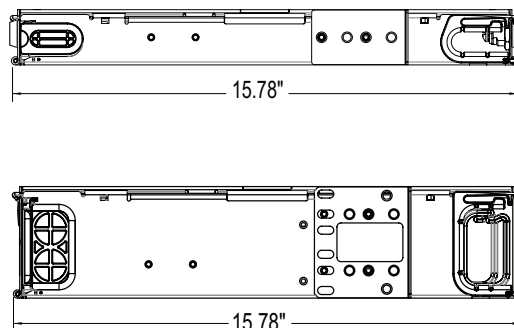
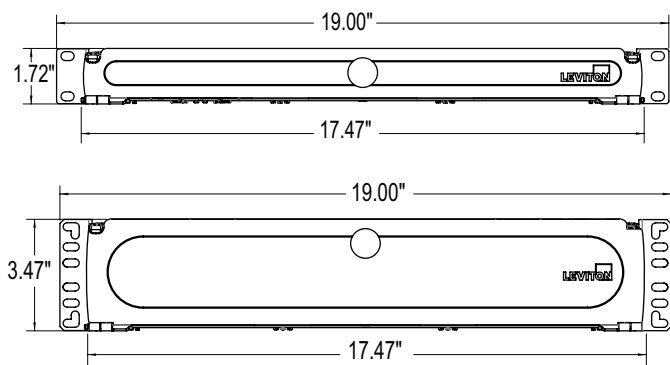
PRODUCT SPECIFICATIONS

5R1UM-S08, 5R2UM-S16

LEVITON

ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG, Visio), visit www.leviton.com.



5R1UM-S08, 5R2UM-S16

DENSITY

Rack Unit(s)	Fibers (using LC)	Fibers (using 24-fiber MTP®)	HDX Adapter Plates or MTP Cassettes	Dimensions	Weight
1RU	up to 96	up to 1,152	Up to 8	1.72" H x 19.0" W x 15.78" D	17 lbs (in carton)
2RU	up to 192	up to 2,304	Up to 16	3.47" H x 19.0" W x 15.78" D	18 lbs (in carton)

OPT-X® 1000i HDX ENCLOSURE OPTIONS

ENCLOSURE STYLE	ADAPTER PLATE OR MTP MODULE SELECTION	NUMBER OF ADAPTER PLATES	FIBER TYPE	SECURITY OPTIONS	MOUNTING EAR POSITION
1RU 2RU	- SC Adapter Plate (6 fibers) - LC Adapter Plate (12 fibers) - MTP Adapter Plate (6 adapters) - MTP-LC Cassette (12 fibers)*	1-16	- OM1 - OM2 - OM3 - OM4 - OS2	- Locking Front Door - Locking Rear Door - Both Doors	19 23



Call 800.722.2082 or visit leviton.com/configurator to configure your enclosure.

*Polarity is MTP Method C

NOTE: For unloaded basic part numbers, see table below.

OPT-X® 1000i HDX RACK-MOUNT ENCLOSURES

Description	Part No.
1RU Enclosure, Empty, with Sliding Tray	5R1UM-S08
2RU Enclosure, Empty, with Sliding Tray	5R2UM-S16

ACCESSORIES

Description	Part No.
HDX Blank Plate	5FUHD-BLK
Universal Opt-X Clamp Kit, Single Cable Grommet (for enclosure mounting)	5RCMP-KIT
Universal Opt-X Clamp Kit, Multiple Cable Grommet (for enclosure mounting)	5RCMP-KT2
Universal Opt-X Clamp Kit Single & Multiple Grommet (for rack post mounting)	5RCMR-KIT
1RU Enclosure 23" Rack and Cabinet Mounting Bracket	5R1RU-023
Lock and Key	5L000-KAL



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