LEVITON®

Opt-X™ 2000i SDX Fiber Rack-Mount Enclosures

APPLICATION

The Opt-X 2000i SDX Rack-Mount Enclosure allows for inter-connect or cross-connect between backbone cable and active equipment while utilizing minimum rack space in a frame or cabinet setting. The enclosure feature set and design allows for installer's ease in field termination of connectors, splicing, or pre-terminated Plug-n-Play solution. It is primarily used in high-density fiber applications such as data centers, equipment rooms, central offices, etc.

SPECIFICATION

Enclosure with sliding tray shall be available in 1RU, 2RU, and 4RU versions that accommodate termination and splicing of fiber. Adapter bulkhead shall accept a variety of modular adapter plates and Plug-n-Play MTP modules/cassettes. Fiber cable management routing and protection shall include patch cord bend radius bracket at entry/exit points, adjustable and stackable cable management rings for tight-buffer fiber, cable strain-relief kit for incoming backbone fiber, and adjustable saddles for patch cords. Enclosure design shall feature removable, transparent polycarbonate doors and covers to ease fiber installation. Enclosure shall be constructed of 16 AWG steel with a powder-coat black finish and be mountable in either a 19-inch or 23-inch rack or cabinet frame. Locking door feature shall be available as an option.

COUNTRY OF ORIGIN

Mexico

FEATURES

- Stylish and innovative design for today's most advanced networks and settings
- Sliding tray removes completely from enclosure to facilitate field terminations and splicing
- Sliding tray glides forward and backward, providing accessibility to front and rear bulkhead after installation
- 17-inch depth for high-density fiber termination and/or splicing
- Removable, transparent hinged doors and slide-away covers allow easy access during install and visibility of interior after install
- Patch cord bend-radius guides minimize macro bending
- Stackable and adjustable fiber rings simplify cable routing and organization
- Saddles pivot for improved patch cord routing and organization
- Removable rubber grommets protect cable and minimize dust build-up
- Multiple mounting bracket positions for 19-inch or 23-inch rack and cabinet installation (23-inch 1RU mounting bracket sold separately)
- Constructed of durable polycarbonate plastic and 16-gauge steel, powder-coated black
- Retrofit Sliding Tray, sold separately, allows for higher density applications using HDX MTP Cassettes (1RU and 2RU)
- Convert to HDX cassettes or adapter plates using conversion bracket (sold separately)

DESIGN CONSIDERATIONS

- Accepts SDX Adapter Plates and Cassettes
- Enclosures are sold empty (unloaded)
- Arrange enclosures to allow future growth
- 19-inch or 23-inch rack-mount option
- Enclosures protrude 4.5 inches from mounting ears to align with the Leviton Versi-Duct™ Cable Management System
- Specify adapter plate and MTP module selection and capacity (see page two)
- Specify splice tray selection and capacity (see page two)
- Enclosures are capable of storing up to three meters of 900 micron tight-buffered fiber per adapter
- Door-lock option available on front, rear, or both doors
- Enclosure includes an accessory kit consisting of cable ties, mounting screws, ID label, and spiral wrap (for cable protection)

STANDARDS & REGULATIONS

- ANSI/TIA-568.3-D

C21 SS1033ENv2
Revised March 2021
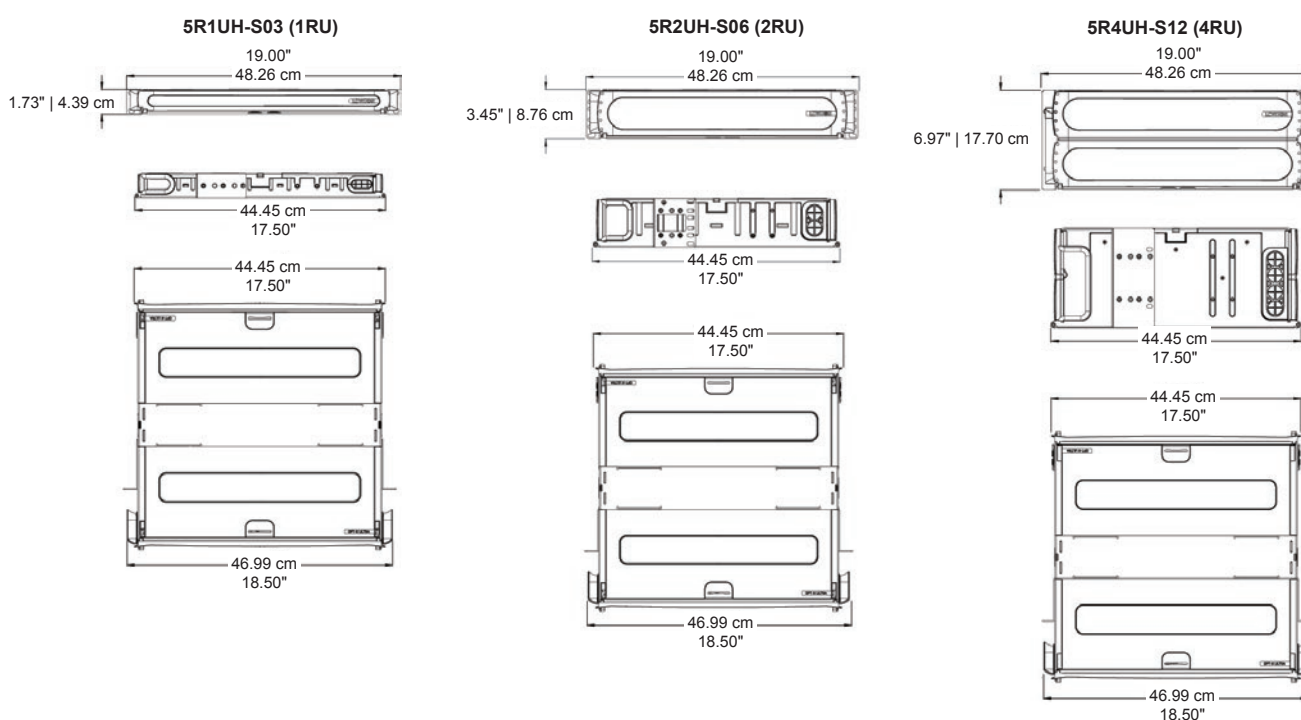
MECHANICAL SPECIFICATIONS

Capacities: See below
Dimensions: See below
Materials: Constructed of 16 AWG 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.

WARRANTY INFORMATION

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

5R1UH-S03 (1RU)

5R2UH-S06 (2RU)

5R4UH-S12 (4RU)

DENSITY			
Rack Unit(s)	**Fibers (LC)**	**SDX Adapter Plates / SDX Splice Modules / MTP® Cassettes**	**Splice Tray**
1RU	72	Up to 3	Up to 3 trays
2RU	144	Up to 6	Up to 6 trays
4RU	288	Up to 12	Up to 12 trays

DENSITY USING OPT-X™ HDX RETRO-FIT SLIDING TRAY		
Rack Unit(s)	**Fibers (LC)**	**HDX Adapter Plates / SDX Splice Modules / MTP Cassettes**
1RU	96	Up to 8
2RU	192	Up to 16

5R1UH-S03, 5R2UH-S06, 5R4UH-S12

NOTE: Unloaded basic part numbers are listed below.

OPT-X™ 2000I SDX RACK-MOUNT ENCLOSURES	
Description	**Part No.**
1RU Enclosure, empty, with sliding tray	5R1UH-S03
2RU Enclosure, empty, with sliding tray	5R2UH-S06
4RU Enclosure, empty, with sliding tray	5R4UH-S12

Accessory kit consists of cable ties, mounting screws, ID label, and spiral wrap (for cable protection).

ACCESSORIES	
Description	**Part No.**
Retrofit Sliding Tray, 1U (for use with HDX Cassettes)	5R1UR-TRY
Retrofit Sliding Tray, 2U (for use with HDX Cassettes)	5R2UR-TRY
HDX to SDX Adapter Bracket	HDXAD-ACC
Universal 0RU Patch Cord Managers	5RCMT-VFG
Universal Cable Clamp Kit, single cable grommet (for enclosure mounting)	5RCMP-KIT
Universal Cable Clamp Kit, multiple cable grommet (for enclosure mounting)	5RCMP-KT2
Universal Cable Clamp Kit (for rack post mounting)	5RCMR-KIT
Fiber Cable Management ¼ Round Ring Kit (bag of four)*	5R100-14R*
Grounding Kit	DPGRD-KIT
1RU Enclosure 23" Rack-Mounting Bracket	5R1RU-023
1RU Replacement Door	5D000-1UN
2RU Replacement Door	5D000-2UN
4RU Replacement Door	5D000-4UN
1RU Replacement Door w/lock	5D000-1UL
2RU Replacement Door w/lock	5D000-2UL
4RU Replacement Door w/lock	5D000-4UL
Replacement Covers	5C000-RPL

*Not for use in Retrofit Sliding Trays

MTP® is a registered trademark of US Conec, Ltd.

Santoprene® is a registered trademark of Exxon Mobil Corporation

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

ISO 9001 REGISTERED Quality Manufacturer

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Leviton is dedicated to designing, developing and manufacturing sustainable high-performance structured cabling and speciality cabling solutions. Network Solutions products are available worldwide in over 100 countries. Visit us online to learn more.

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