

## PRODUCT SPECIFICATIONS

5R1UH-W03, 5R2UH-W06, 5R4UH-W12

# OPT-X™ 2000i SDX White 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 a pre-terminated plug-n-play solution. It is primarily used in high-density fiber applications such as data centers, equipment rooms, and central offices.



## 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 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-gauge steel with a powdercoat white finish and be mountable in either a 19-inch or 23-inch rack or cabinet frame.

## STANDARDS & REGULATIONS

- ANSI/TIA-568.3-D

## MECHANICAL SPECIFICATIONS

Dimensions: See page two  
Materials: Constructed of 16-gauge steel, powder-coated white. Plastic parts made using self-extinguishing ABS and polycarbonate materials rated UL 94V-2. Grommet material made of Santoprene®, a thermoplastic rubber elastomer.  
Temperature (Installation): -10 °C to +60 °C  
Temperature (Operating): -10 °C to +60 °C

## FEATURES

- Stylish and innovative design
- 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
- Multiple mounting bracket positions for 19-inch or 23-inch rack and cabinet installation (23-inch 1RU mounting bracket sold separately)
- Retrofit Sliding Tray, sold separately, creates higher density with HDX MTP Cassettes (1RU/2RU)
- Convert to HDX cassettes or adapter plates using conversion bracket (sold separately)

## DESIGN CONSIDERATIONS

- Accepts SDX Adapter Plates, Splice Modules, and Cassettes
- Enclosures are sold separately (unloaded), buy components separately
- 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
- Enclosure includes an accessory kit consisting of cable ties, mounting screws, ID label, and spiral wrap (for cable protection)

## COUNTRY OF ORIGIN

USA

## WARRANTY INFORMATION

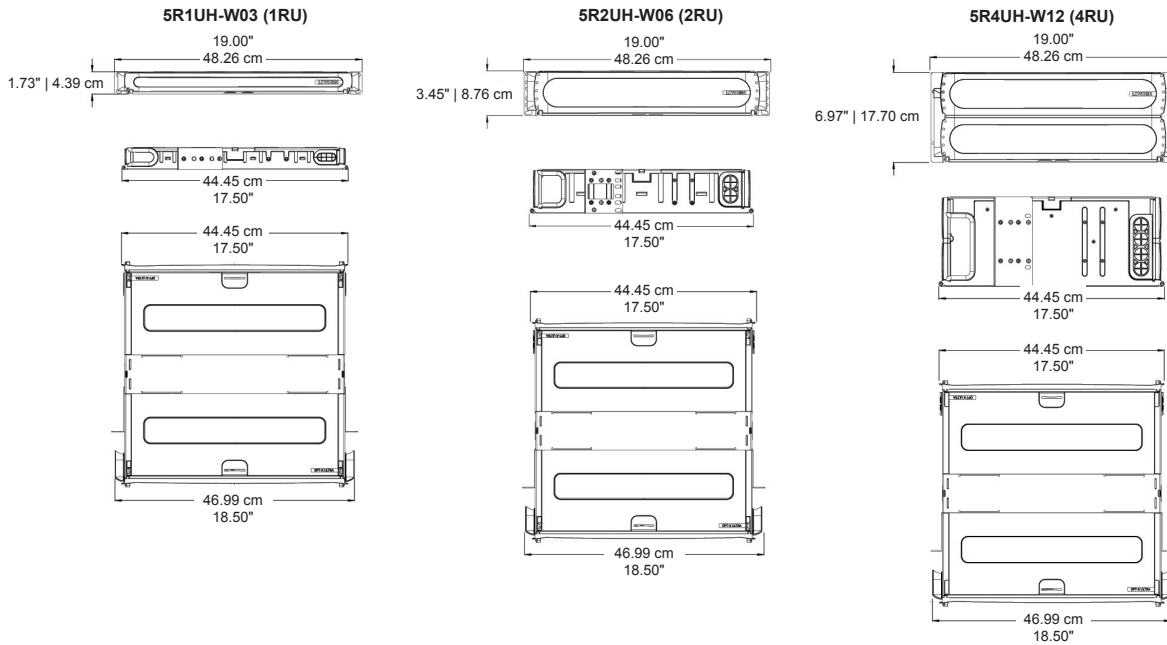
For Leviton product warranties, go to [leviton.com/ns/warranty](http://leviton.com/ns/warranty)

5R1UH-W03, 5R2UH-W06, 5R4UH-W12

# PRODUCT SPECIFICATIONS

## 5R1UH-W03, 5R2UH-W06, 5R4UH-W12

5R1UH-W03, 5R2UH-W06, 5R4UH-W12



### DENSITY

Rack Unit(s)	Fibers (LC)	SDX Adapter Plates / 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

### OPT-X™ 2000I SDX RACK-MOUNT ENCLOSURES

Description	Part No.
1RU White Enclosure, empty, with sliding tray	5R1UH-W03
2RU White Enclosure, empty, with sliding tray	5R2UH-W06
4RU White Enclosure, empty, with sliding tray	5R4UH-W12

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

### DENSITY USING OPT-X™ HDX RETRO-FIT SLIDING TRAY

Rack Unit(s)	Fibers (LC)	HDX Adapter Plates / MTP Cassettes
1RU	96	Up to 8
2RU	192	Up to 16

MTP® is a registered trademark of US Conec, Ltd  
 Santoprene® is a registered trademark of ExxonMobil Corporation.  
 For further support information, visit [leviton.com/ns/support](http://leviton.com/ns/support)

### 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, Black	5R1RU-023
Replacement Covers	5C000-RPL