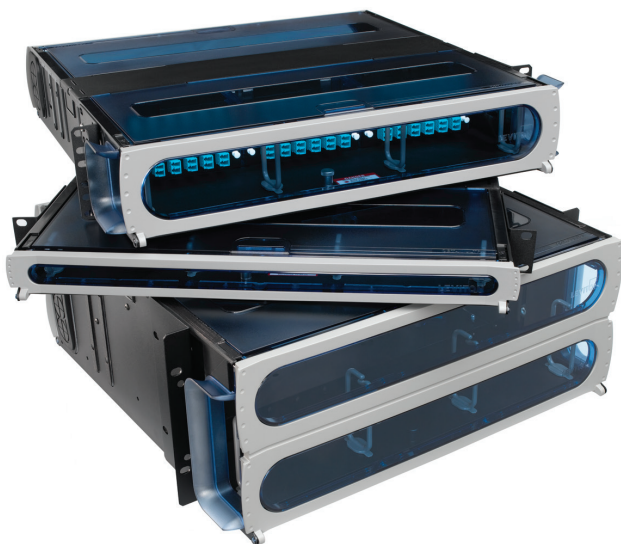


## Opt-X 2000i SDX Fiber Rack-Mount Enclosures

### 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-gauge steel with a powder-coat black finish and be mountable in either a 19-inch or 23-inch rack or cabinet frame. 1RU and 2RU enclosure shall be compatible with the Intact™ Intelligent Port Management System. Locking door feature shall be available as an option. Country of origin shall be the United States of America.

### 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)
- Compatible with Intact™ Intelligent Port Management System (1RU and 2RU)

### DESIGN CONSIDERATIONS

- Accepts SDX Adapter Plates and Cassettes
- Enclosures are sold empty (unloaded)
- Buy components separately, or pre-configure enclosure to your requirements (see second page) or visit [www.leviton.com/configurator](http://www.leviton.com/configurator)
- 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 COMPLIANCE

Meets or exceeds all ANSI/TIA-568-C.1 requirements.

### PHYSICAL SPECIFICATIONS

**Capacities and Dimensions:** See page two

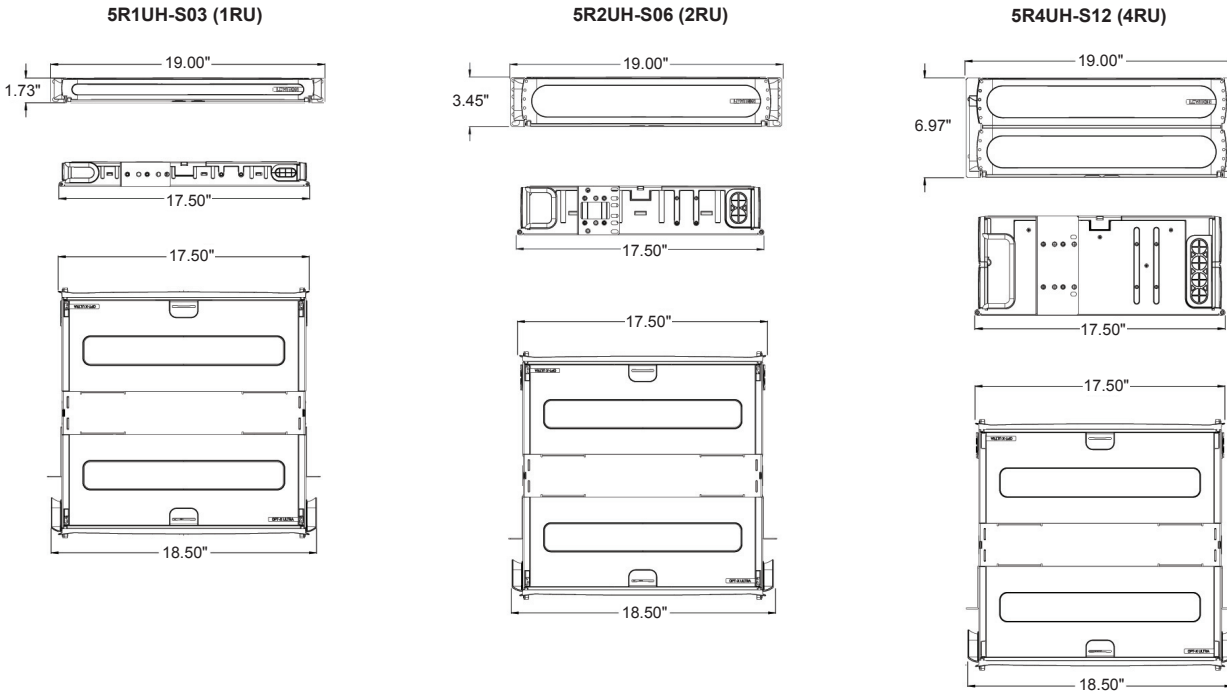
**Materials:** Constructed of 16-gauge steel, powder-coated black. Plastic parts made using self-extinguishing ABS and polycarbonate materials rated UL 94V-2. Grommet material made of Santoprene®, a thermoplastic rubber elastomer.

**WARRANTY INFORMATION**

For a copy of Leviton product warranties, visit [www.leviton.com/warranty](http://www.leviton.com/warranty).

**ELECTRONIC FILES**

For CAD files, Typical specs, or Dimensional Line Art. (.DXF, .DWG, or .TXT), visit [www.leviton.com](http://www.leviton.com).



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

| 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 |

| 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                           |

| DENSITY USING INTACT™ INTELLIGENT PORT MANAGEMENT SYSTEM |             |
|--|-------------|
| Rack Unit(s)   | Fibers (LC) |
| 1RU  | 36          |
| 2RU  | 72          |

**INTACT™ INTELLIGENT PORT MANAGEMENT**

Leviton 1RU and 2RU Opt-X SDX fiber enclosures are "intelligent ready," enabling them to be upgraded in the field to become part of the Intact Intelligent Port Management System.

- 18 Duplex-LC connections (36 fibers) per RU
- Enclosures are upgraded while still in the 19-inch rack or cabinet.

Learn more at [leviton.com/intact](http://leviton.com/intact).

**Make-to-Order! Opt-X® 2000i SDX Rack-Mount Enclosure Options**

| ENCLOSURE STYLE  | ADAPTER PLATES OR MTP CASSETTE SELECTION   | NUMBER OF ADAPTER PLATES                                 | FIBER TYPE  | ADAPTER TYPE & PIGTAIL SELECTION   | SPLICE TRAY STYLE  | NO. OF SPLICE TRAYS  | SECURITY OPTIONS  | CABLE CLAMP KIT   | MOUNTING EAR POSITION  |
|--|--|--|---|--|--|--|---|---|--|
| <ul style="list-style-type: none"> <li>• 1U</li> <li>• 2U</li> <li>• 4U</li> </ul> | <ul style="list-style-type: none"> <li>• 6 fibers (SC, ST)</li> <li>• 8 fibers (SC, ST)</li> <li>• 12 fibers (LC, SC, ST only)</li> <li>• 16 fibers (LC only)</li> <li>• 24 fibers (LC only)</li> <li>• MTP-12 fibers (LC, SC, ST)</li> <li>• MTP-24 fibers (LC only)</li> </ul> | <ul style="list-style-type: none"> <li>• 1-12</li> </ul> | <ul style="list-style-type: none"> <li>• OM1</li> <li>• OM2</li> <li>• OM3</li> <li>• OM4</li> <li>• OM4+</li> <li>• OS2</li> </ul> | <ul style="list-style-type: none"> <li>• LC</li> <li>• LC + pigtail</li> <li>• SC</li> <li>• SC/APC</li> <li>• SC + pigtail</li> <li>• SC/APC + pigtail</li> <li>• ST</li> <li>• ST + pigtail</li> </ul> | <ul style="list-style-type: none"> <li>• Heat shrink, foam holders, up to 12 fibers (molded tray)</li> <li>• Heat shrink, plastic holders, up to 12 fibers (molded tray)</li> <li>• Bare fusion, plastic holders, up to 12 fibers (metal tray)</li> <li>• Heat shrink, plastic holders, up to 24 fibers (molded tray)</li> <li>• None</li> </ul> | <ul style="list-style-type: none"> <li>• 1-12</li> <li>• None</li> </ul> | <ul style="list-style-type: none"> <li>• Locking front door</li> <li>• Locking rear door</li> <li>• Both doors</li> <li>• None</li> </ul> | <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> | <ul style="list-style-type: none"> <li>• 19" or 23"</li> </ul> |

For assistance customizing your enclosures, please visit [leviton.com/configurator](http://leviton.com/configurator) or call Tech Support at 800.824.3005.

**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  |
| Universal Opt-X Clamp Kit (for enclosure mounting)     | 5RCMP-KIT  |
| Universal Opt-X Clamp Kit (for rack post mounting)     | 5RCMR-KIT  |
| Fiber ¼ Cable Management Ring Kit*                     | 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



|  |   |  |   |   |  |
|--|---|--|---|---|--|
| <b>Leviton Network Solutions</b><br>2222 - 222nd St. SE<br>Bothell, WA 98021-4416<br><br>tel 1-800-824-3005<br>tel +1-425-486-2222<br>apeng@leviton.com<br>www.leviton.com | <b>Asia / Pacific</b><br>T +1.631.812.6228<br>E infoasean@leviton.com | <b>Canada</b><br>T +1.514.954.1840<br>E pcservice@leviton.com        | <b>Caribbean</b><br>T +1.954.593.1896<br>E info@caribbean@leviton.com | <b>China</b><br>T +852.2774.9876<br>E infochina@leviton.com                   | <b>Colombia</b><br>T +57.1.743.6045<br>E infocolombia@leviton.com  |
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