

## Opt-X® 500i SDX Rack-Mount Enclosures and Panels

### 1RU, 2RU, and 3RU

#### APPLICATION

Opt-X 500i SDX Rack-Mount Enclosures and Panels allow for inter-connect or cross-connect between backbone cable and active equipment while using minimum rack space in a frame or cabinet setting. The features and design allow for easy field termination of connectors, splicing, or installation of pre-terminated plug-n-play solutions. These economical enclosures and panels are ideal for small-enterprise applications.



5R1UL-F03



5R2UL-F06



5R3UL-F12



5R1UE-OPX



5R3UE-OPX

#### STANDARDS COMPLIANCE

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

#### COUNTRY OF ORIGIN

Mexico (for 5RxUL)

USA (for 5RxUE)

#### SPECIFICATION

Fiber enclosures shall have a flush-mount bulkhead and shall be available in 1RU, 2RU, and 3RU versions to accommodate termination and splicing of fiber. Fiber panels shall have a flush-mount bulkhead and shall be available in 1RU and 3RU versions to accommodate termination of fiber. Adapter bulkhead shall accept SC, LC, ST, MTP®, and QuickPort® adapter plates and plug-n-play MTP modules/cassettes. Fiber cable management for routing, storage, and protection shall be inclusive of patch cords, tight-buffer fiber, and backbone cables. Enclosures and panels shall be constructed of 16-gauge steel with a powder-coated black finish and be mountable in a 19-inch rack or cabinet frame.

#### FEATURES

- Flush-mount adapter bulkhead makes moves, adds, and changes easy
- Stackable fiber rings simplify cable routing and organization
- One-piece removable cover on enclosure allows for complete accessibility to the back of the enclosure and protect fibers
- Constructed of 16-gauge steel, powder-coated black
- Add-on patch cord cable management tray (sold separately) shares existing rack unit with the mounted enclosure

#### DESIGN CONSIDERATIONS

- Enclosures and panels are sold empty (unloaded)
- Accepts SDX adapter plates, MTP cassettes, or splice modules
- Optional cable strain-relief clamp kits available for installation on side of enclosure or on rack post
- 19-inch enclosure/cabinet rack mount
- Enclosure is capable of storing up to three meters of 900  $\mu$ m tight-buffered fiber per adapter opening
- Accessory kit for enclosure consists of cable ties, mounting ear screws, and ID label
- Accessory kit for panel consists of mounting screws

#### PHYSICAL SPECIFICATIONS

Dimensions: See page two

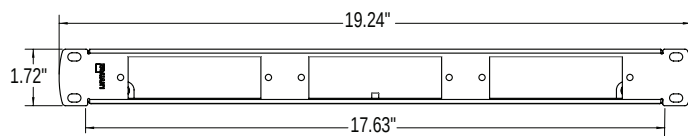
Materials: Constructed of 16-gauge steel, powder-coated black

#### WARRANTY INFORMATION

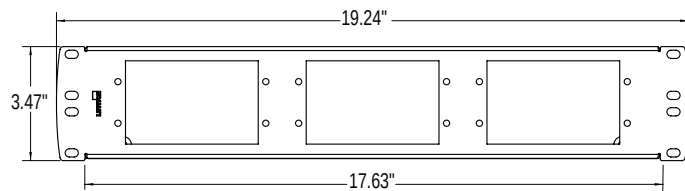
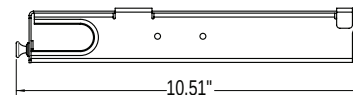
For a copy of Leviton product warranties, visit [www.leviton.com/warranty](http://www.leviton.com/warranty).

**ELECTRONIC FILES**

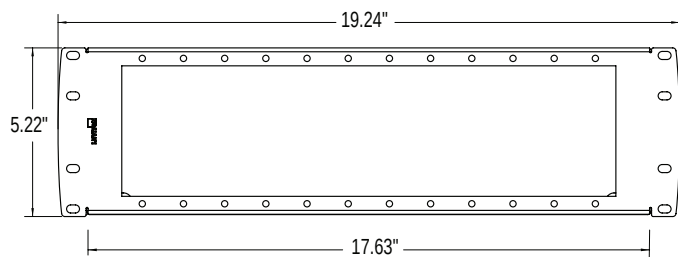
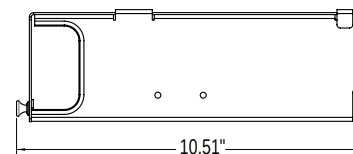
For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit [www.leviton.com](http://www.leviton.com).



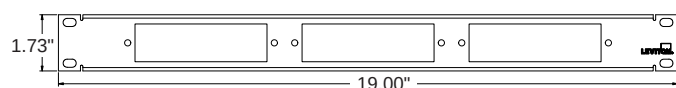
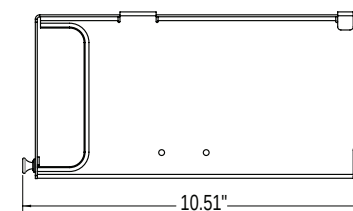
5R1UL-F03



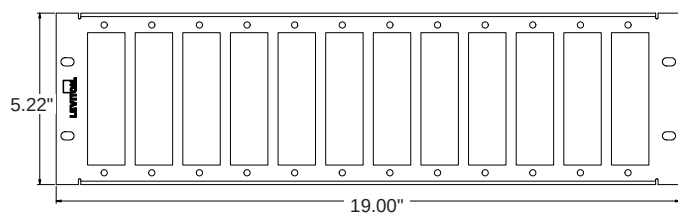
5R2UL-F06



5R3UL-F12



5R1UE-OPX



5R3UE-OPX



**5RxUL-Fxx, 5RxUE-OPX**

#### OPT-X 500i® SDX RACK-MOUNT ENCLOSURES AND PANELS

| DESCRIPTION          | PART NO.  |
|----------------------|-----------|
| 1RU Enclosure, Empty | 5R1UL-F03 |
| 2RU Enclosure, Empty | 5R2UL-F06 |
| 3RU Enclosure, Empty | 5R3UL-F12 |
| 1RU Panel, Empty     | 5R1UE-OPX |
| 3RU Panel, Empty     | 5R3UE-OPX |

#### ACCESSORIES

| DESCRIPTION                                     | PART NO.  |
|-------------------------------------------------|-----------|
| Universal Opt-X Clamp Kit (for enclosure)       | 5RCMP-KIT |
| Universal Opt-X Clamp Kit (for rack post)       | 5RCMR-KIT |
| Fiber Cable Management ¼ Ring Kit (bag of four) | 5R100-14R |
| Patch Cord Management Tray, 1RU                 | 5R1UL-CMT |
| Patch Cord Management Tray, 2/3RU               | 5R2UL-CMT |

#### DENSITY

| Rack Unit(s)  | Fibers (using LC) | SDX Adapter Plates, MTP® Cassettes, or Splice Modules | Splice trays |
|---------------|-------------------|-------------------------------------------------------|--------------|
| 1RU Enclosure | 72                | Up to 3 (horizontal orientation)                      | Up to 3      |
| 2RU Enclosure | 144               | Up to 6 (horizontal orientation)                      | Up to 6      |
| 3RU Enclosure | 288               | Up to 12 (vertical orientation)                       | Up to 12     |
| 1RU Panel     | 72                | Up to 3 (horizontal orientation)                      | n/a          |
| 3RU Panel     | 288               | Up to 12 (vertical orientation)                       | n/a          |