

## 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 µm 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

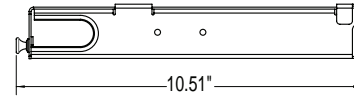
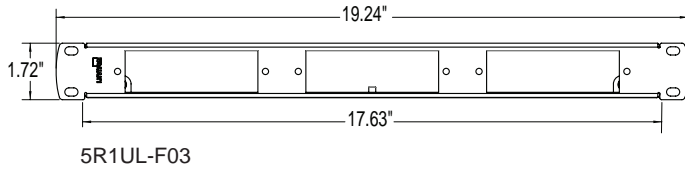
#### WARRANTY INFORMATION

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

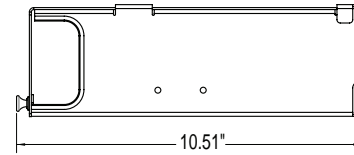
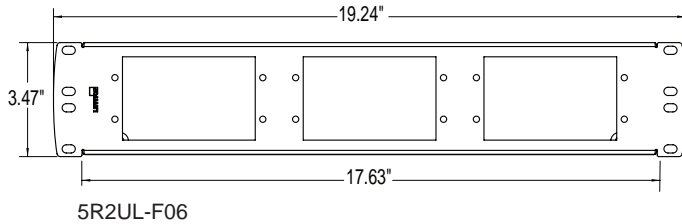
**ELECTRONIC FILES**

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

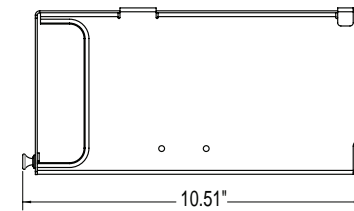
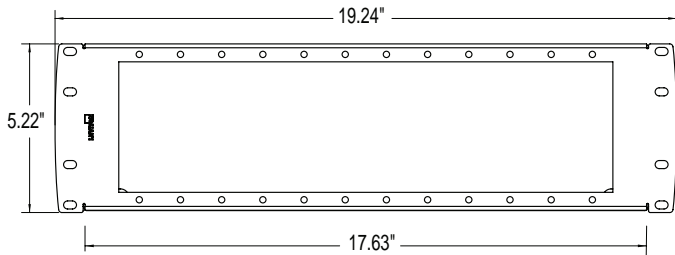
**5RxUL-Fxx, 5RxUE-OPX**



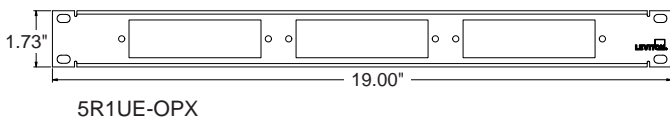
5R1UL-F03



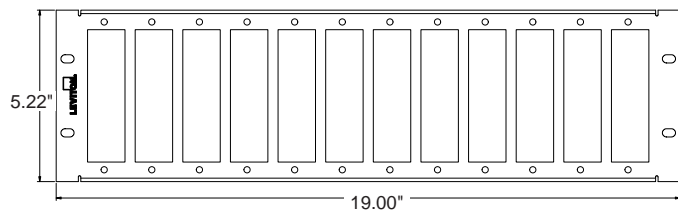
5R2UL-F06



5R3UL-F12



5R1UE-OPX



5R3UE-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



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