LEVITON®
Network Solutions

OPT-X™ 1000i SDX Rack-Mount Enclosures 1RU, 2RU, 3RU, & 4RU

APPLICATION

The OPT-X 1000i SDX Rack-Mount Enclosure allows for inter-connect or cross-connect between backbone cable and active equipment while using minimum rack space in a frame or cabinet setting. The enclosure's features and design allow for easy field termination of connectors, splicing, or pre-terminated plug-and-play solutions. The fiber enclosure isprimarily used in data centers, equipment rooms, and telecommunication rooms.

SPECIFICATION

Fiber enclosure shallbe available in 1RU, 2RU, 3RU, and 4RU versions to accommodate termination and splicing of fiber. A removable sliding tray shall also be available in 1RU and 2RU enclosures. Adapter bulkhead shall accept SC, LC, ST, and MTP® adapters, and Plug-n-Play MTP cassettes. 4RU enclosures shall accommodate up to 15 adapter plates for 360 fiber connections. Fiber cable management for routing, storage, and protection shall accept patch cords, tight-buffer fiber, and backbone cables. Rear fiber cable management rings shall be stackable and configurable in quarter-, half-, or full-ring arrangements. Enclosure shall be constructed of 16-gauge steel with a powder-coated black finish and be mountable in either a 19-inch or 23-inch rack or cabinet frame. An optional locking door feature shall be available.

FEATURES

• 15-inch depth for high-density fiber termination and/or splicing
• Stackable and adjustable fiber rings simplify cable organization
• Front saddles pivot for improved patch cord routing
• Removable front and rear covers offer better access to the interior of the enclosure
• Removable rubber grommet allows for pre-terminated fiber trunk install, protects cable, and minimizes dust build-up
• Sliding tray (an option in 1RU and 2RU enclosures) glides forward and backward for front and rear bulkhead access after installation, and removes completely from enclosure for ease of field terminations and splicing
• Constructed of 16-gauge steel, powder-coated black
• 1RU or 2RU Retrofit Sliding Trays, sold separately, allow for higher-density applications using HDX MTP® Cassettes or HDX Adapter Plates (sliding tray does not accommodate splice trays)
• Convert to HDX cassettes or adapter plate using conversion bracket (sold separately)

DESIGN CONSIDERATIONS

• Accepts SDX adapterplates,splice modules and/or cassettes
• Optional cable strain-relief mounting kit (for installation on side of enclosure or on rack post)
• 19-inch or 23-inch enclosure rack-mount option (23-inch 1RU mounting bracket sold separately)
• Protrudes 4.5 inches from mounting ears to align with Leviton VERSI-DUCT™ Cable Management System
• Capable of storing up to 3 meters of 900 μm tight-buffered fiber per adapter
• Adapter plate on 3RU/4RU orients horizontally or vertically for optimal density
• Door lock option available on front, rear, or both
• Enclosures are sold empty (unloaded)
• Enclosures include an accessory kit consisting of cable ties, mounting screws, ID label, and spiral wrap (for cable protection on units with a sliding tray)

STANDARDS & REGULATIONS

• ANSI/TIA-568.3-D

COUNTRY OF ORIGIN

Mexico

WARRANTY INFORMATION

ForLevitonproductwarranties,goto leviton.com/ns/warranty
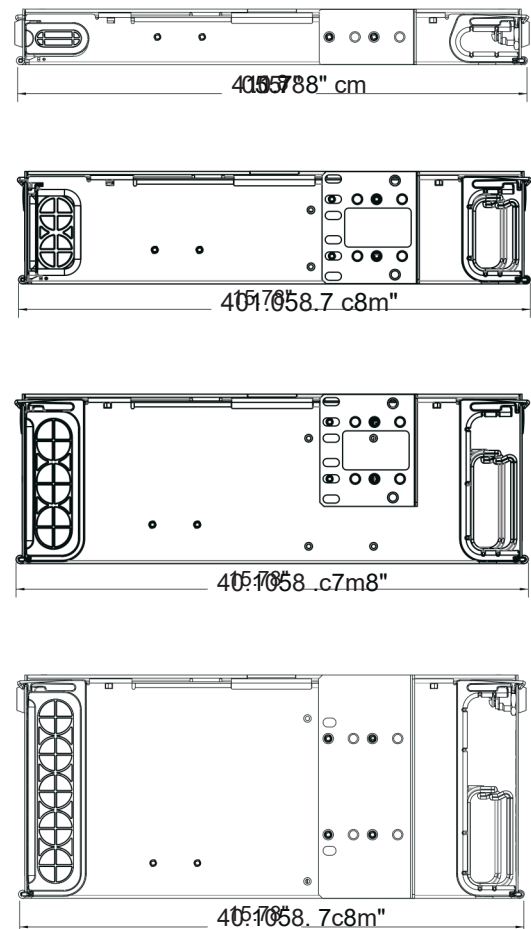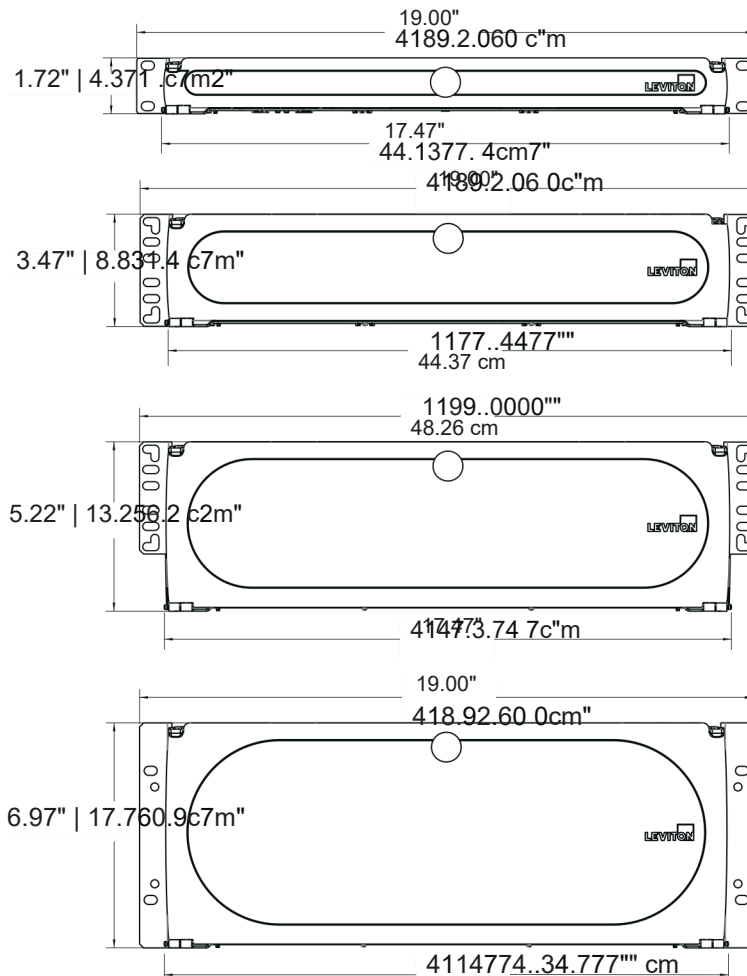
PRODUCT SPECIFICATIONS

5RxUM-xxx

MECHANICAL SPECIFICATIONS

Dimensions: See below See below Constructed of 16-gauge steel,
Capacity: powder-coated black. Plastic parts made using self-
Materials: 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

DENSITY			
Rack Unit	**Fibers**	**SDX Adapter Plates, Splice Modules or MTP® Cassettes**	**Splice Trays**
1RU	72	Up to 3 Up to 6 Up to 9 (horizontal adapter	Up to 3
2RU	144	plate/module orientation)	Up to 6
3RU	216	Up to 12 (vertical adapter plate/module orientation)	Up to 12
3RU	288	Up to 12 (vertical adapter plate/module orientation)	Up to 12
4RU	288	Up to 15 (horizontal adapter plate/module orientation)	Up to 12
4RU	360		Up to 12

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DENSITY USING RETRO-FIT SLIDING TRAY

Rack Unit	Fibers	HDX Adapter Plate, Splice Module or MTP® Cassettes
1RU	96	Up to 8
2RU	192	Up to 16

OPT-X™ 1000i SDX RACK-MOUNT ENCLOSURES

Description	Part No.
1RU Enclosure, Empty 1RU Enclosure,	5R1UM-F03
Empty, with sliding tray 2RU Enclosure,	5R1UM-S03
Empty 2RU Enclosure, Empty, with	5R2UM-F06
sliding tray 3RU Enclosure, Empty 3RU	5R2UM-S06
Enclosure, Empty 4RU Enclosure,	5R3UM-F09
Empty 4RU Enclosure, Empty	5R3UM-F12
	5R4UM-F12
	5R4UM-F15

Enclosure includes an accessory kit which consists of cable ties, mounting screws, ID label, and spiral wrap (for cable protection on units with sliding tray)

ACCESSORIES

Description	Part No.
Retrofit Sliding Tray, 2U (for use with HDX Cassettes/Plates) Retrofit Sliding	5R2UR-TRY
Tray, 1U (for use with HDX Cassettes/Plates) Universal Cable Clamp Kit,	5R1UR-TRY
single cable grommet (for enclosure mounting) Universal Cable Clamp Kit,	5RCMP-KIT
multiple cable grommet (for enclosure mounting) Universal Cable Clamp Kit	5RCMP-KT2
(for rack post mounting) Universal 0 RU Patch Cord Managers HDX to SDX	5RCMR-KIT
Adapter Bracket Fiber Cable Management ¼ Round Ring Kit (bag of four)	5RCMT-VFG
1RU Enclosure 23" Rack and Cabinet Mounting Bracket Lock and Key	HDXAD-ACC
	5R100-14R*
	5R1RU-023
	5L000-KAL

* Not for use in Retrofit Sliding Tray

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