

Opt-X Ultra® HD Fiber Rack-Mount Enclosures, 1RU & 2RU

APPLICATION

The Opt-X Ultra HD Fiber Rack-Mount Enclosure provides an inter-connect or cross-connect between backbone cable and active equipment while utilizing minimum rack space in a frame or cabinet setting. The features and design of the enclosure allow for easy field termination of connectors or installation of pre-terminated solutions. This enclosure is ideal for high density fiber applications such as data centers, equipment rooms, and central offices.



SPECIFICATION

Enclosure with sliding tray shall be available in 1RU and 2RU versions that accommodate termination of up to 96 fibers (using LC) and 192 fibers, respectively. Adapter bulkhead shall accept LC, SC, and MTP® modular adapter plates and MTP cassettes. Fiber cable management routing and protection shall include patch cord bend radius brackets at entry/exit points, multiple tie down points for rear cable management, 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 durable polycarbonate plastic. Shall be mountable in either a 19" or 23" rack or cabinet frame. Locking door feature shall be available as an option. Country of origin for the enclosure shall be the United States of America.

FEATURES

- Up to 96 fibers (using LC) in a 1RU enclosure and 192 fibers in a 2RU enclosure using Opt-X Evolve adapter plates or MTP cassettes
- Stylish, innovative design for advanced networks and settings
- Sliding tray removes completely to facilitate field terminations
- Sliding tray glides forward and backward providing accessibility to front and rear bulkhead after installation
- 17" depth for high density fiber termination
- Removable transparent hinged doors and slide away covers allow easy access during install and visibility of interior after install
- Patch cord bend radius guides protect against macro bending
- Saddles pivot for improved patch cord routing and organization
- Multiple mounting bracket positions for 19" or 23" rack and cabinet installation (23" 1RU mounting bracket sold separately)
- Constructed of durable polycarbonate plastic and 16 gauge steel, powder-coated black

DESIGN CONSIDERATIONS

- Enclosures are sold unloaded or can be pre-configured at www.leviton.com/configurator (see page 2 for options)
- Accepts Opt-X Evolve high density adapter plates and cassettes
- 19" or 23" rack mount options
- Enclosures protrude 4.5" from mounting ears to align with the Leviton Versi-Duct® Cable Management System
- Door lock option available on front, rear, or both doors
- Accessory kit consists of cable ties, mounting ear screws, ID label, blank plates and spiral wrap (for cable protection)

STANDARDS COMPLIANCE

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

PHYSICAL SPECIFICATIONS

Capacities and Dimensions: See Page 3

Materials: Constructed of 16-gauge steel, powder coated black. Plastic parts made using self-extinguishing ABS and polycarbonate materials rated UL 94V-2.

COUNTRY OF ORIGIN

USA

WARRANTY INFORMATION

For a copy of Leviton product warranties, visit www.leviton.com.

ELECTRONIC FILES

For CAD files, typical specs, or dimensional line art (.DXF, .DWG,) visit www.leviton.com.

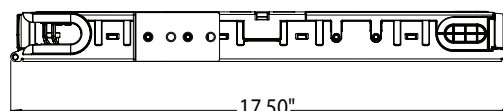
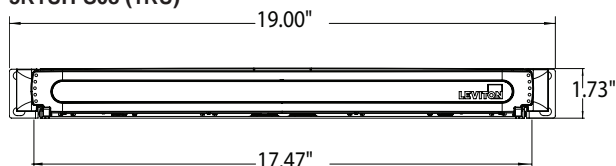
MTP® is a registered trademark of US Conec, Ltd.

PRODUCT SPECIFICATIONS

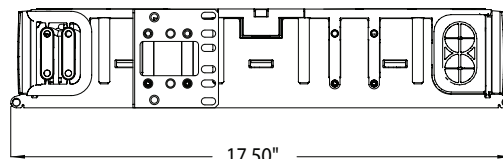
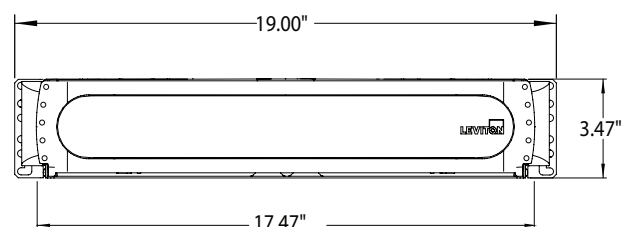
5R1UH-S08 5R2UH-S16



5R1UH-S08 (1RU)



5R2UH-S16 (2RU)



DENSITY

Rack Unit	Fibers (using LC)	Fibers (using 24-fiber MTP*)	Evolve adapter plate or MTP cassette capacity:	Dimensions	Weight
1RU	up to 96 fibers	up to 1,152 fibers	Up to 8	1.73" H x 19.0" W x 17.5" D	15 lbs. (in carton)
2RU	up to 192 fibers	up to 2,304 fibers	Up to 16	3.45" H x 19.0" W x 17.5" D	16 lbs. (in carton)

OPT-X® ULTRA HD ENCLOSURE OPTIONS

ENCLOSURE STYLE	ADAPTER PLATE OR MTP CASSETTE SELECTION	NUMBER OF ADAPTER PLATES	FIBER TYPE	SECURITY OPTIONS	MOUNTING EAR POSITION
<ul style="list-style-type: none"> 1RU Opt-X 2RU Opt-X 	<ul style="list-style-type: none"> SC adapter plate (6 fibers) LC adapter plate (12 fibers) MTP Adapter plate (6 adapters) MTP-LC Cassette (12 fibers)* 	<ul style="list-style-type: none"> 1-16 	<ul style="list-style-type: none"> OM1 OM2 OM3 OM4 OS2 	<ul style="list-style-type: none"> Locking Front Door Locking Rear Door Both Doors 	<ul style="list-style-type: none"> 19 23



Call 800.722.2082 or visit leviton.com/configurator to configure your enclosure.

*Polarity is MTP Method C

NOTE: For unloaded basic part numbers, see table below.

ACCESSORIES	
DESCRIPTION	PART NO.
Opt-X Evolve Blank Plate	5FUHD-BLK
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, Single & Multiple Cable Grommet (for rack mounting)	5RCMR-KIT
1RU 23" Rack and Cabinet Mounting Bracket	5R1RU-023
Replacement Door	5D000-*UN
Replacement Door w/Lock	5D000-*UL
Replacement Covers	5C000-RPL
Replacement Covers, metal	5CMTL-RPL
Opt-X Ultra® Patch Cord Bend Radius Bracket, (bag of two)	5PCBR-*BT

OPT-X ULTRA HD ENCLOSURES	
DESCRIPTION	PART NO.
1RU Enclosure, empty, with sliding tray	5R1UH-S08
2RU Enclosure, empty, with sliding tray	5R2UH-S16

* = Rack Units: 1RU (1), 2RU (2)



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