

## Opt-X® UHDX 1RU Flat Panel & Accessories

### APPLICATION

The Opt-X UHDX high-density 1RU Flat Panel provides an inter-connect or cross-connect between backbone horizontal cable and active equipment while minimizing rack space in a frame or cabinet. The panel allows for easy plug-and-play of pre-terminated solutions and open access to patch cords. This panel is ideal for deployment above cabinets, within racks, and within cabinets in data centers, equipment rooms, and central offices.



### SPECIFICATION

Panel shall be constructed of 18-gauge steel with a black powder-coated finish. Panel shall not have any moveable parts and shall be an open patching environment to create unobstructed access to fiber trunks and patch cords. Panel shall be flat or flush mount to rails. Optional patch cord and trunk cable management sold separately. Port identification shall be clearly visible and unobstructed when fully patched. Panel shall accept modular HDX and HDX2 MTP® cassettes or adapter plates and provide a path for migration to 40/100 Gb/s. Panel shall hold up to 72 duplex fiber LC patch cords or 72 MTP array cords in a 1RU space. HDX and HDX2 MTP cassettes or adapter plates shall snap into the front of the panel and be able to remove with one hand. Panel shall meet all ANSI/TIA-568.3-D requirements and all applicable standards.

### FEATURES

- Panel allows for up to 144 fibers (using LC) and up to 864 fibers (using 12-fiber MTP) or 1,728 fibers (using 24-fiber MTP) capacity
- Open access to patch cords and pre-terminated trunks
- One-hand installation and removal of HDX MTP cassettes or adapter plates
- Fixed bulkhead shelf minimizes stress on fiber during moves, adds, and changes
- Easy migration path from 10 Gb/s to 40/100 Gb/s using modular HDX and HDX2 cassettes and adapter plates
- Rear cable manager (sold separately) supports fiber cables and snaps directly to panel without tools
- Front Patch Cord Cable Manager (sold separately), occupies the same rack unit space as a panel
- Side vertical patch cord cable manager (sold separately) occupies 0RU space
- Blanks (sold separately) available for unused openings

### DESIGN CONSIDERATIONS

- Panel is sold empty
- Port ID sequence reads left to right and top to bottom
- Accepts modular HDX and HDX2 adapter plates and cassettes
- Accessory kit consists of cable ties and rack-mounting ear screws
- 19-inch rack mount only
- Recommend using Leviton MDP pre-terminated trunks with smallest outside diameter (OD) cable available

### STANDARDS COMPLIANCE

- ANSI/TIA-568.3-D

### PHYSICAL SPECIFICATIONS

Dimensions: See page two

Materials: 18-gauge steel, powder-coated black

### COUNTRY OF ORIGIN

Mexico

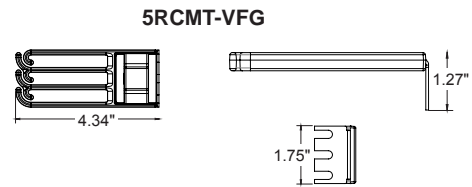
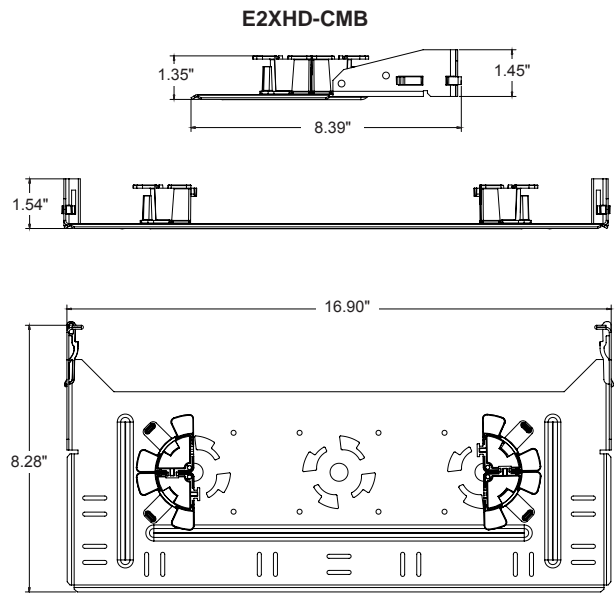
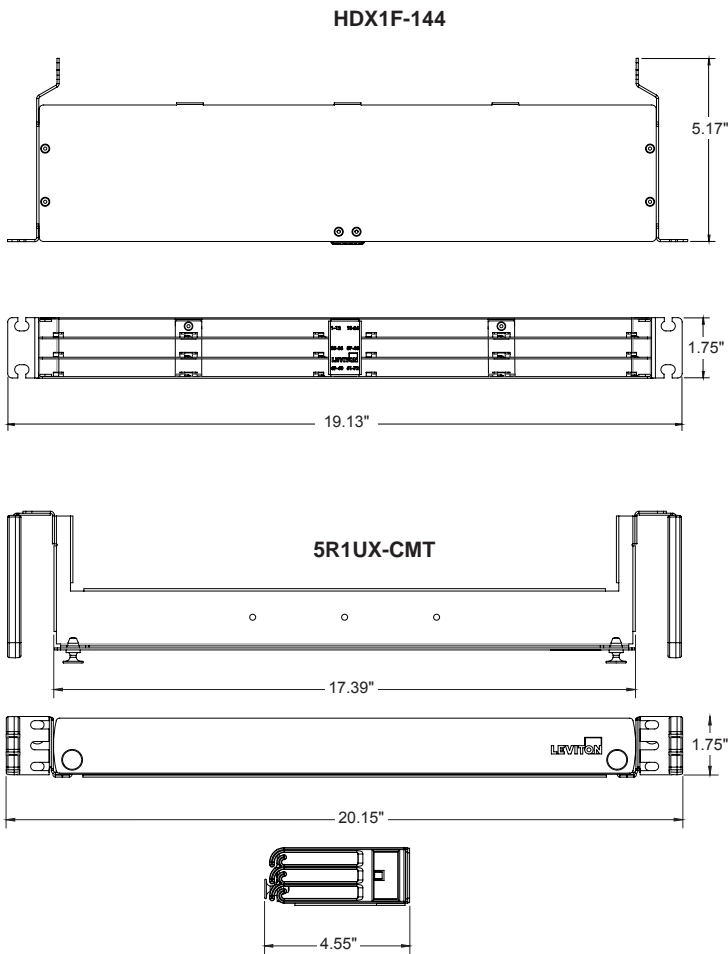
### WARRANTY INFORMATION

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

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**ELECTRONIC FILES**

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



**OPT-X® UHDX 1RU FLAT PANEL & ACCESSORIES**

Description	Part No.
UHDX 1RU Flat Panel	HDX1F-144
1RU Patch Cord Manager Tray (includes 0RU cable managers)	5R1UX-CMT
2RU Patch Cord Manager Tray (includes 0RU cable managers)	5R2UX-CMT
0RU Patch Cord Manager (bag of 2)	5RCMT-VFG
Rear Cable Manager for UHDX Panel, with cable management rings (four 1/4" rings)	E2XHD-CMB
Universal Opt-X Clamp Kit, single cable grommet (mounts to Rear Cable Manager)	5RCMP-KIT
Universal Opt-X Clamp Kit, multiple cable grommet (mounts to Rear Cable Manager)	5RCMP-KT2
Universal Opt-X Clamp Kit, single and multiple cable grommet (for rack mounting)	5RCMR-KIT

