LEVITON

Opt-X® UHDX 1RU Angled Panel & Accessories

APPLICATION

The Opt-X UHDX high-density 1RU Angled 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 without the need of any horizontal patch cord cable management. 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 angled to eliminate any need for horizontal patch cord cable managers for routing. Port identification shall be clearly visible and unobstructed when fully patched. Panel shall accept modular HDX MTP® cassettes or adapter plates and provide a path for migration to 40/100 Gb/s. Panel shall hold up to 72 duplex fiber channels (using LC) or up to 72 10-Gb/s channels in a 1RU space. HDX 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-C.3 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
- Angled panel eliminates the need for patch cord cable managers
- Open access to patch cords and pre-terminated trunks
- One-hand installation and removal of HDX MTP cassettes or adapter plates
- Rear cable manager (sold separately) supports fiber cables and snaps directly to panel without tools
- Blanks (sold separately) available for unused openings
- 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 cassettes and adapter plates
- Side vertical patch cord managers (sold separately) occupy 0RU space

DESIGN CONSIDERATIONS

- Panel is sold empty
- Port ID sequence shall read left to right and top to bottom
- Accepts modular HDX 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-C.3

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.

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Revised May 2017

ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.
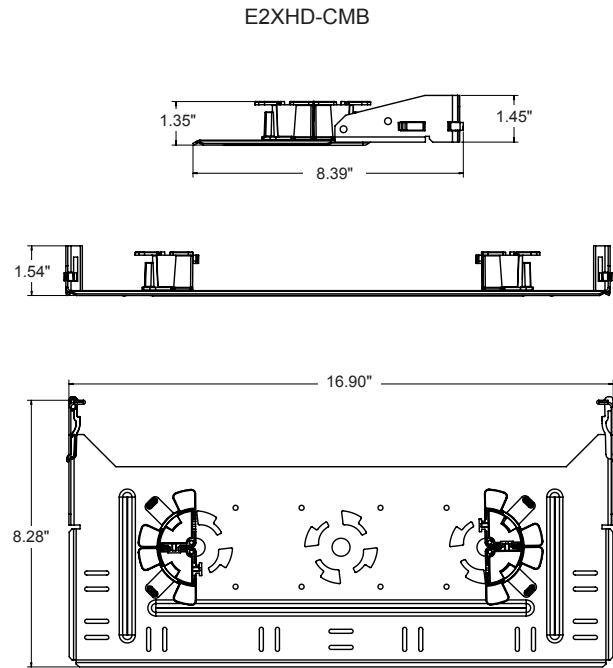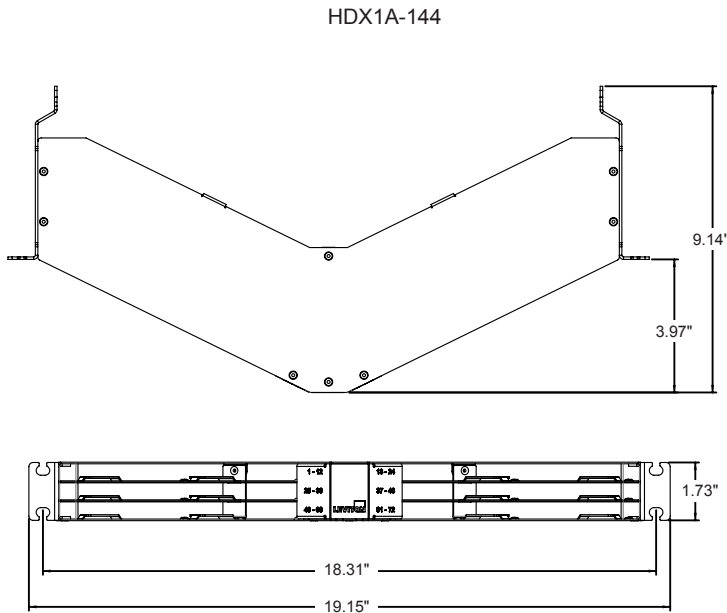
HDX1A-144

E2XHD-CMB

OPT-X® UHDX 1RU ANGLED PANEL & ACCESSORIES

Description	Part No.
Opt-X® UHDX 1RU Angled Panel	HDX1A-144
0RU Patch Cord Manager (bag of 2)	5RCMT-VFG
Rear Cable Manager for Angled 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

ISO 9001 REGISTERED Quality Manufacturer

E17 6760

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