

HDX Patch Deck, 2RU

APPLICATION

The HDX Patch Deck is designed for cross-connect and interconnect patching between backbone cables and active equipment. The deck is designed to be installed in the Leviton HDX Fiber Distribution Frame. The system is ideal for data center (Main Distribution Area) and central office (head end) applications where there is a high concentration or aggregation of fibers.



SPECIFICATION

Fiber patch deck shall be modular, scalable, and designed to be installed into the HDX Distribution Frame. The deck shall accept HDX MTP® cassettes, splice modules, and adapter plates. Fiber density shall accommodate patching up to 144 fibers using LC connectivity, up to 432 fibers using 12-fiber MTP connectors, and up to 864 fibers with 24-fiber MTP connectors. Independent sliding trays shall provide easy access to individual patch cords while minimizing impact to static patch cords. Port identification shall be visible from the front. Deck solution shall provide an easy migration path from 10 Gb/s to 40, 100, 200 and 400 Gb/s using either 12 or 24-fiber MTP connectivity.

FEATURES

- Unique modular 3.5-inch size with 6 independent sliding trays accepts up to 12 HDX MTP cassettes or adapter plates
- Independent sliding trays offer easy access to individual patch cords while minimizing impact to static patch cords
- Patch up to 144 fibers using LC connectors, up to 576 fibers using 12-fiber MTP connectors, and up to 864 fibers using 24-fiber MTP connectors
- Magnifying port identification label holders for better visibility
- Integrated minimum bend radius protection for patch cords and trunk cables
- Deck accessory kit consists of cable clamp kit and front- and rear-management guides
- Easy one-person install of cabling and patching

DESIGN CONSIDERATIONS

- Accepts HDX Cassettes, Splice Modules, and Adapter Plates
- Migration path to 40, 100, 200 and 400 Gb/s using Opt-X Unity cabling solution
- Use with HDX Fiber Distribution Frame

STANDARDS COMPLIANCE

ANSI/TIA-568.3-D: Optical Fiber Cabling Components Standard

PHYSICAL SPECIFICATIONS

Dimensions: See page 2
Materials: Cold-rolled 16-gauge steel

COUNTRY OF ORIGIN

USA

WARRANTY INFORMATION

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

ELECTRONIC FILES

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

Leviton Network Solutions

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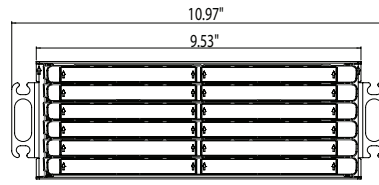
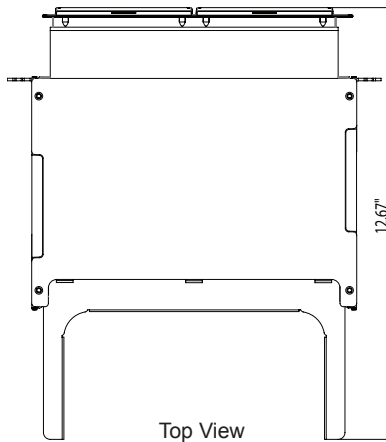
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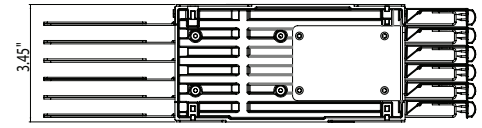
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Front View



Side View

F3168-DCK



HDX Patch Deck

Description	Part No.
Patch Deck, 2RU, empty, (includes front/rear horizontal cable management and cable clamp kit)	F3168-DCK
Cable Clamp Kit (for additional fiber trunks)	F3168-CCK

HDX MTP® Cassette Options

FIBER TYPE	FIBER COUNT	CONNECTOR TYPE (FRONT)	MTP TYPE (REAR)	POLARITY
<ul style="list-style-type: none"> • OM3 • OM4 • OS2 	<ul style="list-style-type: none"> • 12 • 24 • 48 	<ul style="list-style-type: none"> • LC • MTP 	<ul style="list-style-type: none"> • 12-fiber • 24-fiber 	<ul style="list-style-type: none"> • Method A • Method B (Core) • Method B (Edge) • Method C

For assistance customizing cassettes, visit Leviton.com/configurator or call 800.824.3005.

HDX Adapter Plates

Description	Part No.
Adapter Plate, OM1 & OM2, Quad LC (Beige), 12 fibers, Phosphor Bronze Sleeve	5FUHD-2IL
Adapter Plate, OM3 & OM4, Quad LC (Aqua), 12 fibers, Zirconia Ceramic Sleeve	5FUHD-2QL
Adapter Plate, OS2, Quad LC (Blue), 12 fibers, Zirconia Ceramic Sleeve	5FUHD-2LL
Adapter Plate, OM1 & OM2, Duplex SC (Beige), 6 fibers, Phosphor Bronze Sleeve	5FUHD-6IC
Adapter Plate, OM3 & OM4, Duplex SC (Aqua), 6 fibers, Zirconia Ceramic Sleeve	5FUHD-6QC
Adapter Plate, OS2, Duplex SC (Blue), 6 fibers, Zirconia Ceramic Sleeve	5FUHD-6LC
Adapter Plate, 3 Duplex MTP Adapters (Black), keyed up to keyed up	5FUHD-6MB
Adapter Plate, 3 Duplex MTP Adapters (Black), keyed up to keyed down	5FUHD-6MP
Adapter Plate, blank (Black)	5FUHD-BLK

HDX Splice Modules*

Description	Part No.
12-fiber HDX Splice Module, OM4 LC (aqua)	SPLCH-12AQ
12-fiber HDX Splice Module, OS2 LC (blue)	SPLCH-12BL
12-fiber HDX Splice Module, OS2 LC/APC (green)	SPLCH-12GN
36-fiber HDX Splice Module, OM4 MTP (male)	SPMPH-MMPN
36-fiber HDX Splice Module, OS2 MTP (male)	SPMPH-SMPN
36-fiber HDX Splice Module, OM4 MTP (female)	SPMPH-MMUP
36-fiber HDX Splice Module, OS2 MTP (female)	SPMPH-SMUP

* Make to order, lead times may apply

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