



FEATURED PRODUCTS

Frame, Patch, & Splice Decks **B18**

HDX Frame System

The Leviton high-density HDX Frame System, part of the Opt-X® family of fiber optic solutions, can handle up to 3,168 LC terminated fibers in just one 2 x 2-foot tile of floor space. Ideal for service providers, central office facilities, large enterprise, and cloud data centers, the HDX Frame System will reduce your patching footprint, free up valuable space, and save you money. Integrated trunk cable and patch cord management improves accessibility and enables easy moves, adds, and changes. In addition, the system is fully scalable and modular, supporting consolidation and growth.



INDUSTRY-LEADING DENSITY

HDX FRAME CAPACITY CHART	
CONNECTIVITY	MAX. FIBER STRANDS
LC	3,168
SC	1,584
12-fiber MTP®	7,776
24-fiber MTP	15,552

Chart based on use of 48-fiber trunks

The HDX frame system accomplishes such high density through its unique patch deck design. One frame holds up to 22 patch decks, each configured with your choice of fiber cassettes, adapter plates, or splice trays.

BUILT-IN CABLE MANAGEMENT & ROUTING

The frame keeps pathways clean and organized, using integrated cable management for minimum bend radius, better slack storage, and protection within the frame. Patch decks contain patch cord and MTP trunk routing for individual trays. And enhanced labeling improves deck and fiber identification to simplify moves, adds, or changes.

SUPERIOR SCALABILITY

HDX frames can be ganged together to handle future growth with easy pass-through cross-frame routing kits. And with 24-fiber MTP connectivity, they are ideal for migration from 10G to 40G to 100G and beyond.

ADDITIONAL SECURITY

The HDX frame includes rear doors that lock to protect and conceal trunk cabling. Locking front doors (sold separately) are transparent to allow visibility.

EASY ACCESSIBILITY

The frame's open design greatly reduces time and labor for maintenance, as it allows unobstructed access to patch cord connections on the cassettes and adapter plates. And the one-tile footprint makes it easier to access the space beneath a raised floor.



HDX FRAME SYSTEM | Frame, Patch, & Splice Decks

HDX Frame System

FIBER



HDX FIBER OPTIC DISTRIBUTION FRAME (3,168 CAPACITY)

- Integrated cable management and routing solutions for minimum bend radius, better slack storage, and protection
- Holds up to 22 decks, each configured with cassettes, adapter plates, or splice trays
- Lockable rear doors included to protect and conceal trunk cabling
- Optional front door kit (sold separately) with transparent door is lockable for additional security
- Occupies only one 2 x 2-foot tile
- Seismic rated to GR-63-CORE, Zone 4, UL 2046 Listed

PATCH DECK

- 2RU height for up to 144 fibers (using LC) capacity
- Holds 6 independent sliding trays and accepts up to 12 HDX or 6 HDX2 adapter plates or cassettes
- Magnifying port identification label holders for better visibility
- Integrated minimum bend radius protection



See page B13 for
HDX Cassettes
and Adapter Plates.

SPLICE DECK

- Modular 3.5-inch-high deck accepts up to three independent splice deck trays
- Sliding trays are removable for ease of splicing
- Heat-shrink fusion splicing of individual 250 μm or 900 μm tight-buffer fibers for up to 144 fibers per deck
- Mass ribbon fusion splicing available as custom order

24-FIBER HIGH-DENSITY SPLICE TRAY

- Use with HDX Frame Splice Decks, 2 trays per splice deck tray
- Protect and manage heat-shrink spliced fibers
- Heat-shrink splice sleeves included

HDX FRAME SYSTEM | Frame, Patch, & Splice Decks

HDX FIBER OPTIC FRAME SYSTEM

DESCRIPTION	PART NO.
[A] HDX Fiber Optic Distribution Frame, 7' H x 2' W x 2' D	F3168-22F
[B] 2RU Patch Deck, empty (includes front/rear cable management and cable clamp kit)	F3168-DCK
[C] 2RU Splice Deck, empty (includes VELCRO® Brand ties, front/rear cable management, and cable clamp kit)	F3168-SPD
[D] Cross-Frame Routing Kit	F3168-CFR
[E] Front Door Kit	F3168-FDR
Cable Clamp Kit, single-cable grommet	F3168-CCK
2RU Blank Panel	F3168-BLK

24-FIBER SPLICE TRAY

[F] 24-fiber Heat-Shrink-Style Molded Splice Tray (includes 60 mm splice sleeves)	T5PLS-24F
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Make-to-Order! HDX FRAME OPTIONS

NUMBER OF PATCH DECKS	NUMBER OF HDX ADAPTER PLATES OR CASSETTES PER PATCH DECK	CASSETTE FIBER COUNT	FIBER TYPE	HDX CASSETTE/PLATE CONNECTOR TYPE (FRONT)	HDX CASSETTE/PLATE CONNECTOR TYPE (REAR)	HDX CASSETTE POLARITY	FRONT DOOR KIT
• 1-22	• 1-12	<ul style="list-style-type: none"> • 12 • 24 • 48 • Adapter Plate Only 	<ul style="list-style-type: none"> • OM2 • OM3 • OM4 • OM4+ • OS2 	<ul style="list-style-type: none"> • LC • SC • MTP (key up) 	<ul style="list-style-type: none"> • LC (Plate) • SC (Plate) • MTP (Plate, key up) • MTP (Plate, key down) • 12-fiber MTP (Cassette) • 24-fiber MTP (Cassette) 	<ul style="list-style-type: none"> • Method A • Method B (Core) • Method B (Edge) • Method C • None (Adapter Plate) 	<ul style="list-style-type: none"> • Yes • No

Make-to-Order! HDX PATCH DECK OPTIONS

NUMBER OF CASSETTES OR ADAPTER PLATES PER DECK	CASSETTE FIBER COUNT	FIBER TYPE	HDX CASSETTE/PLATE CONNECTOR TYPE (FRONT)	HDX CASSETTE/PLATE CONNECTOR TYPE (REAR)	HDX CASSETTE POLARITY
• 1-12	<ul style="list-style-type: none"> • 12 • 24 • 48 • Adapter Plate Only 	<ul style="list-style-type: none"> • OM2 • OM3 • OM4 • OM4+ • OS2 	<ul style="list-style-type: none"> • LC • SC • MTP® (key up) 	<ul style="list-style-type: none"> • LC (Plate) • SC (Plate) • MTP (Plate, key up) • MTP (Plate, key down) • 12-fiber MTP (Cassette) • 24-fiber MTP (Cassette) 	<ul style="list-style-type: none"> • Method A • Method B, Core • Method B, Edge • Method C • None (Adapter Plate)

Make-to-Order! HDX/HDX2 MTP CASSETTE OPTIONS

FIBER TYPE	FIBER COUNT	CONNECTOR TYPE (FRONT)	MTP TYPE (REAR)	POLARITY
<ul style="list-style-type: none"> • OM2 • OM3 • OM4 • OM4+ • OS2 	<ul style="list-style-type: none"> • 12 • 24 • 48 	<ul style="list-style-type: none"> • LC • LC (Violet) • 8-fiber MTP-SC (Female) 	<ul style="list-style-type: none"> • 12-fiber MTP (Male) • 24-fiber MTP (Male) 	<ul style="list-style-type: none"> • Method A • Method B, Core • Method B, Edge • Method C

For Method B polarity, you must order one each of the core and edge cassettes.

For assistance customizing your HDX frame system, please visit leviton.com/configurator or call Tech Support at (800) 824 3005.

ROI™ Savings Calculator

Calculate your return on infrastructure investment when installing the HDX Frame System in your Main Distribution Area. Go to apps.leviton.com/HDXcalculator.