

Hyperscale eXchange (HSX)

The Hyperscale eXchange cabinet is a high-density floor-mountable optical splicing cabinet solution with a 20,736 ribbon fiber splice capacity, well suited for small and large data centers alike. Designed with splice trays organized down the cabinet center and with features such as removable cabinet side doors, users have easy access to attach and manage cable entry & exit and the associated slack management. Though high-capacity, the cabinet has an efficient, compact footprint, thereby using less space.

The HSX is available as the base cabinet only, providing users the ability to purchase splice trays (192f or 288f) separately and grow the cabinet capacity as needed.



HDFOC-X-FRM-STC

BENEFITS & FEATURES

Large Capacity & Frame

- Fiber Capacity of 20,736
- Plenty of Space to Maneuver
- Durable Aluminum Frame
- Floor-Mountable

Side Panels

- Four Removable Side Panels
- Provides Additional Cable Management Access

Open Top

- Easy Cable Entry/Exit Access

Cable-Management

- 12 Cable-Management Lacing Bars
- Staggered Bars to Create Clearer Routing
- Very Efficient with the Following:
 - Outside & Inside Plant Cables Up to 6,912 Fibers
 - Air-Blown Fiber® Tube Cables
 - Breakout Kits for High-Fiber Count Ribbon Cables

Other Features & Benefits

- Removable Front Door
- RoHS, REACH, California Proposition 65, & Conflict Minerals Compliant

PROPERTY	SPECIFICATIONS
Product Brand/Series	Hyperscale eXchange Cabinets
Fiber Capacity	20,736 Fibers (72 x 288f Splice Tray) 13,824 Fibers (72 x 192f Splice Tray)
Splice Tray Capacity	72 = HDFOC-X-ST24-01 288f Splice Tray 72 = HDFOC-X-ST01 192f Splice Tray
Growth Configuration	Empty
Mounting Type	Floor Mount
Environmental Space	Indoor
Material Type	Aluminum
Material Finish	Powder Coated
Color	Black
Dimensions (H. x W. x D.)	84.3 x 24 x 12 in (2,140 x 610 x 306 mm)
Cable Management Access	Front Access
Cable Management Types	12 Lacing Bars



HDFOC-X-ST24-01

To learn more information visit www.SumitomoElectricLightwave.com

ORDERING INFORMATION

Instructions: Purchase the HSX base cabinet, then add splice trays and other accessories as needed.

PART NUMBER	DESCRIPTION	DIMENSIONS (H. X W. X D.)
Cabinet		
HDFOC-X-FRM-STC	HSX Cabinet (20,736f Splice Capacity), Cabinet Only	84.3 x 24 x 12 in (2,140 x 610 x 306 mm)
Splice Tray		
HDFOC-X-ST24-01	288f Splice Tray for HSX, Holds up to 24 x 12ct Ribbon Splices and Includes 12 Tie Wraps	0.8 x 10 x 10.9 in (20 x 254 x 278 mm)
HDFOC-X-ST01	192f Splice Tray for HSX, Holds up to 16 x 12ct Ribbon Splices and Includes 8 Tie Wraps	0.8 x 10 x 9.2 in (20 x 254 x 233 mm)

ACCESSORIES



Breakout Kits

Breakout Kits provide additional protection for cable quantities of 288 to 6,912 fibers for any distribution frame or cabinet. These breakout kits protect the transition from the cable to the ribbon subunits by combining robust housings and furcation tubing.

PART NUMBER	FIBER CAPACITY	QTY. PER ITEM NO.	TUBING PORT QTY.	FIBER PER TUBE (FB/T)	TOTAL TUBING LENGTH
CENTRAL TUBE CABLE					
FOR-288-CT-SET	288f	5	6 Ports	48f	200 ft (61 m)
FOR-576-864-CT-SET	576f/864f	2	18 Ports	48f	400 ft (122 m)
FOR-1152-CT-SET	1,152f	2	24 Ports	48f	400 ft (122 m)
FOR-1728-CT-SET	1,728f	2	36 Ports	48f	600 ft (183 m)
CENTRAL TUBE CABLE					
FOR-1152-F-SET	1,152f	2	16 Ports	48f	400 ft (122 m)
FOR-1152-12T-F-SET	1,152f	2	8 Ports	144f	262 ft (80 m)
FOR-1728-F-SET	1,728f	2	36 Ports	48f	600 ft (183 m)
FOR-1728-12T-F-SET	1,728f	2	12 Ports	144f	262 ft (80 m)
FOR-3456-F-SET	3,456f	2	72 Ports	48f	800 ft (244 m)
FOR-3456-12T-F-SET	3,456f	2	24 Ports	144f	525 ft (160 m)
FOR-6912-12T-F-SET	6,912f	2	48 Ports	144f	525 ft (160 m)

Part numbers without "12T" can be used with both flat ribbon and Freeform Ribbon™. Part numbers with "12T" can only be used with Freeform Ribbon™.



Field Furcation Kits

Field Furcation Kits are designed for furcation (breaking out) of 12-fiber ribbons from high-fiber-count ribbon cables into separate groups for distributing to multiple locations.

PART NUMBER	PRODUCT NAME	QTY.	DESCRIPTION
FFK-025KIT150F	Field Furcation Kit, 1/4" (6 mm Sleeve)	1	150 ft (45.7 m) of 0.25 in (6 mm) Flexible Sleeve Black, up to 192f Freeform™ or 144f Flat Ribbon/Sleeve
		2	12 ft (3.7 m) Rolls of Rescue Tape
		1	10 ft (3 m) Tube
FFK-038KIT150F	Field Furcation Kit, 3/8" (10 mm Sleeve)	1	150 ft (45.7 m) of 0.375 in (10 mm) Flexible Sleeve Black, up to 288f Freeform Ribbon™/Sleeve
		2	12 ft (3.7 m) Rolls of Rescue Tape
		1	10 ft (3 m) Tube

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