

# Vertical Hyperscale eXchange (V-HSX) Cabinet

The Vertical Hyperscale eXchange (V-HSX) is a high-density wall-mountable fiber splice cabinet solution. The V-HSX cabinet will be the transition point between outside plant cables and indoor distribution cables, allowing for a capacity of 10,368 fibers. Through its number of cable openings and features, the V-HSX solution is an excellent choice for small to medium-sized data centers.

The V-HSX is available in two options:

1. Factory outfitted with all 24, 432f capacity splice trays and the related tray accessories;
2. The base cabinet only, providing users the ability to purchase splice trays separately and grow the cabinet capacity as needed.

## BENEFITS & FEATURES

### Compact

- 10,368f Splice Capacity
- Wall-Mountable
- 8 Areas for Cable Entries & Exits

### Range of Shingles (Glands Sold Separately)

- Shingle Placement Left/Right & Top/Bottom
- Eliminates Any Unwanted Dust from Entering
- Glands Offer Secure Cable Transition to Inside the Frame

### Integrated Work Platform

- Easy to Use & Integrated Flat Surface Workstation for Splicing & Other Tasks
- Work Surface Covered in Non-slip Material

### Doors

- Removable
- Allows a Padlock for Added Security
- Includes Splice Tray Lid Holder
- Work Platform Stored Inside Door

### Other Features & Benefits

- Lifting Plate Included to Move Cabinet
- Electric Ground Busbar
- RoHS & REACH Compliant



FTHFC-10K-V-SK1

PROPERTY	SPECIFICATIONS
Product Brand/Series	Hyperscale eXchange Cabinets
Fiber Capacity	10,368 Fibers (24 x 432f Splice Trays)
Splice Tray Capacity	24 = FTHFC-IMST432 432f Splice Tray (36 x 12ct)
Growth Configuration	Empty; Fully Loaded
Mounting Type	Wall Mount
Environmental Space	Indoor
Material Type	Aluminum
Material Finish	Powder Coated
Color	Tele Grey
Dimensions (W. x H. x D.)	32 x 42.1 x 14.8 in. (813 x 1,070 x 377 mm)
Integrated Work Platform	Yes   27.13 x 12.25 in. (689 x 311 mm)
Cable Management Access	Front Access
Cable Entry/Exit Access Areas	2 = Top; 2 = Bottom; 2 = Left; 2 = Right Access Areas



FTHFC-IMST432

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## V-HSX STARTER KIT COMPONENTS

COMPONENTS	DESCRIPTION	QTY.
V-HSX Cabinet	High Density Vertical Fiber Optic Exchange Cabinet, V-HSX Cabinet. 32 x 42.1 x 14.8 in. (813 x 1,070 x 377 mm).	1
432f Splice Tray	432f Splice Tray Modules for V-HSX, Holds up to 36 x 12ct Ribbon Splices. 8 x 10.25 x 0.75 in. (203 x 260 x 19 mm).	24
6 Cable Gland Shingle 2" Holes, Top/Bottom	High Density Cabinet Cable Gland Shingle, 6 Cable Gland 2 inch (51 mm) Holes. Compatible with Top & Bottom Side of V-HSX Cabinet, FTHFC-GLAND-KIT-1.515, & FTHFC-GLAND-KIT-0.827.	4
12 Cable Gland Shingle 1.875" Holes, Left/Right	High Density Cabinet Cable Gland Shingle, 12 Cable Gland 1.875 inch (48 mm) Holes. Compatible with Left & Right Side of V-HSX Cabinet, FTHFC-GLAND-KIT-1.515, & FTHFC-GLAND-KIT-0.827.	4
V-HSX Work Platform	Work Platform for V-HSX Cabinet. 27.13 x 12.25 in. (689 x 311 mm).	1
	<b>Part Number</b>	<b>Contents</b>
	FPS-6-BX	1.58 in. (40 mm) Ribbon Splice Protectors Box. 250/Box
	FPS-6-5P	1.58 in. (40 mm) Ribbon Splice Protectors Pack. 5/Pack
	FTHFC-SOCK-5/8-75FT	0.625 in. x 75 ft. (16 mm x 22.9 m) Ribbon Protection Sock
V-HSX Gland and Accessory Starter Kit	FTHFC-HL-TIE-30FT	0.5 in. x 15 ft. (13 mm x 4.6 m) Hook & Loop Cable Tie
	FTHFC-HL-3/4IN-30FT	0.75 in. x 3.5 in. (19.1 mm x 89 mm) One-Piece Hook & Loop
	FTHFC-GLAND-KIT-1.02	Strain Relief Gland for Cable Terminal, Range of 0.787 in. to 1.020 in. (20 mm to 26 mm)
	FTHFC-GLAND-KIT-1.515	Strain Relief Gland for Cable Terminal, Range of 0.944 in. to 1.515 in. (24 mm to 38.5 mm)

## ORDERING INFORMATION

**Instructions:** Choose between the following options

- V-HSX Starter Kit: Factory outfitted with all 24, 432f capacity splice trays and the related tray accessories;
- Customize your own V-HSX Cabinet: Purchase the V-HSX base cabinet, then add splice trays and other accessories as needed.

## V-HSX STARTER KIT

PART NUMBER	PART NAME	DESCRIPTION	DIMENSIONS (W. X H. X D.)
FTHFC-10K-V-SK1	V-HSX Starter Kit	Vertical Hyperscale eXchange (V-HSX) Cabinet, 10,368f Splice Capacity. Contains 24, 432f Capacity Splice Trays; Work Platform; 8 Entry/Exit Shingles; V-HSX Gland & Accessory Starter Kit.	32 x 42.1 x 14.8 in. (813 x 1,070 x 377 mm)

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## V-HSX COMPONENTS & ACCESSORIES

PART NUMBER	PART NAME	DESCRIPTION
<b>Cabinet &amp; Work Platform</b>		
FTHFC-10K-V-SKI-NT	V-HSX Cabinet & Work Platform	Vertical Hyperscale eXchange (V-HSX) Cabinet Empty, 10,368f Splice Capacity. Work Platform; 8 Entry/Exit Shingles. 32 x 42.1 x 14.8 in. (813 x 1,070 x 377 mm).
<b>Splice Tray</b>		
FTHFC-IMST432	432f Splice Tray	432f Splice Tray for V-HSX, Holds up to 36 x 12ct Ribbon Splices. Compatible with FTHFC-10K-V-SKI-NT. 8 x 10.25 x 0.75 in. (203 x 260 x 19 mm).
<b>Shingle Attachment</b>		
FTHFC-3K-V-SKI-BRUSH-SHINGLE	Brush Shingle with Lacing Bar, Top/Bottom	High Density Cabinet Cable Brush Shingle with Lacing Bar, Large Opening, Brush Dust Retention. Compatible with Top & Bottom Side of V-HSX Frame.
<b>Entrance Frame Strain Relief Glands</b>		
FTHFC-GLANDKIT-0.709	Strain Relief Gland, 0.354 to 0.709 inch	Strain Relief Gland for Cable Terminal, Range of 0.354 in. to 0.709 in. (9 mm to 18 mm).
FTHFC-GLANDKIT-0.827	Strain Relief Gland, 0.433 to 0.827 inch	Strain Relief Gland for Cable Terminal, Range of 0.433 in. to 0.827 in. (11 mm to 21 mm).
FTHFC-GLAND-KIT-1.02	Strain Relief Gland, 0.787 to 1.020 inch	Strain Relief Gland for Cable Terminal, Range of 0.787 in. to 1.020 in. (20 mm to 26 mm).
FTHFC-GLANDKIT-1.515	Strain Relief Gland, 0.944 to 1.515 inch	Strain Relief Gland for Cable Terminal, Range of 0.944 in. to 1.515 in. (24 mm to 38.5 mm).
<b>Field Furcation Kits</b>		
FFK-025KIT150F	Field Furcation Kit, 1/4" (6 mm) Sleeve	1 ea. - 150 ft. (45.7 m) of 0.25 in. (6 mm) Flexible Sleeve Black, up to 192f Freeform Ribbon™ or 144f Flat Ribbon/Sleeve; 2 ea. - 12 ft. (3.7 m) Rolls of Rescue Tape; 1 ea. - 10 ft. (3 m) Tube
FFK-038KIT150F	Field Furcation Kit, 3/8" (10 mm) Sleeve	1 ea. - 150 ft. (45.7 m) of 0.375 in. (10 mm) Flexible Sleeve Black, up to 288f Freeform Ribbon™/Sleeve; 2 ea. - 12 ft. (3.7 m) Rolls of Rescue Tape; 1 ea. - 10 ft. (3 m) Tube
<b>Accessories &amp; Consumables</b>		
FPS-6-BX	Ribbon Splice Protector	1.58 in. (40 mm) Ribbon Splice Protectors Box. 250/Box.
FPS-6-5P	Ribbon Splice Protector	1.58 in. (40mm) Splice Protection Sleeve, 5 per Pack. Used for Splicing 2 to 12 Fibers.
FTHFC-HL-3/4IN-30FT	One-Piece Hook & Loop	One-Piece Hook & Loop, 0.75 in. x 30 ft. (19 mm x 9.1 m)
FTHFC-HL-TIE-30FT	Hook & Loop Cable Tie	Hook & Loop Cable Tie, 0.5 in. x 30 ft. (13 mm x 9.1 m)
FTHFC-SOCK-5/8-75FT	Ribbon Protection Sock	Ribbon Protection Sock, 0.625 in. x 75 ft. (16 mm x 22.9 m) Spool

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