

# Vertical Hyperscale eXchange (V-HSX)

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.

## FEATURES & BENEFITS

### 1. Compact

- Fiber Capacity of 10,368
- Wall Mountable
- 8 areas for cable & entry

### 2. 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

### 3. Integrated Work Platform

- Multiple mounting positions to allow splicing equipment to be close to the splice tray being worked on
- Work surface covered in nonslip material

### 4. Doors

- Removable
- Padlockable
- Includes splice tray lid holder
- Work platform stored inside door

### 5. Other Features & Benefits

- Lifting ears aid in cabinet installation. Can be removed once cabinet is secured.
- Electric ground busbar
- RoHS & REACH Compliant

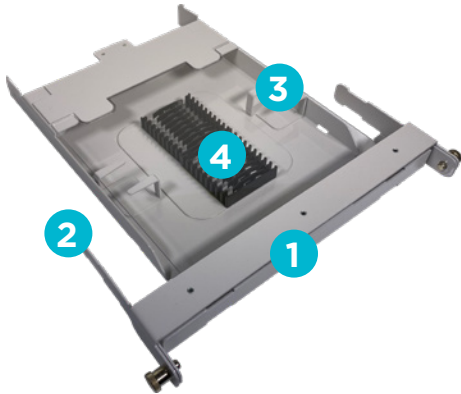
### The V-HSX is available in two options:

1. Factory outfitted with all thirty six, 432 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.

ITEM NUMBER	FRAME	CAPACITY
<b>V-HSX CABINET</b>		H. 42" (1067 mm) W. 32" (813 mm) D. 14" (356 mm)
		<b>10,368 Fibers</b> 24 Splice Trays
<b>432F SPLICE TRAY</b>		<b>432 Fibers</b> 36 x 12ct
<b>V-HSX WORK PLATFORM</b>		W. 27.125" (689 mm) D. 12.25" (311 mm)

# 432f Splice Tray


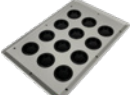


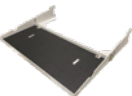

The 432f Splice Tray is designed for the 3K Vertical Hyperscale eXchange (3K-V-HSX) Cabinet, Vertical Hyperscale eXchange (V-HSX) Cabinet & Modular Hyperscale eXchange (M-HSX) Cabinet, and can hold up to 36 mass fusion splices (432 fibers). The tray comes with a removable cover that hangs on the cabinet when splicing, providing extra space and lowering the risk of misplacement. While the gray metal frame helps in viewing the contained fibers and splices.



## FEATURES & BENEFITS



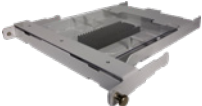
- 1. Metal Frame**
  - Durable aluminum frame
  - Clear plastic lid to see fibers clearly
- 2. Cable Tie Ridges**
  - Located for both entry & exit (right & left)
  - Secures tubes & socks before splicing
- 3. Fiber Guides**
  - Provides slack & keeps fiber within
- 4. Splice Chip Holder**
  - Allows for 36 x 12 Mass Splices (432f)

## V-HSX SOLUTION COMPONENTS

ITEM NAME	QTY. PER UNIT	DESCRIPTION	
<b>V-HSX Cabinet</b>	1	High Density Vertical Fiber Optic Exchange Cabinet, V-HSX Cabinet.	
<b>12 Cable Gland Shingle 1.875" Holes, Left/Right</b>	4	High Density Cabinet Gland Shingle, 12 Gland Holes 1.875 inch. Compatible with Left & Right of V-HSX Cabinet.	
<b>6 Cable Gland Shingle 2" Holes, Top/Bottom</b>	4	High Density Cabinet Gland Shingle, 6 Gland Holes 2 inch. Compatible with Left & Right of V-HSX Cabinet.	
<b>432f Splice Tray</b>	12	432f Splice Tray Modules for V-HSX cabinet, holds up to 36 x 12ct Ribbon Splices.	
<b>V-HSX Work Platform</b>	1	Work Platform for V-HSX Cabinet.	
<b>V-HSX Gland &amp; Accessory Starter Kit</b>	<b>QTY. PER UNIT</b>		
	1	1.58" (40 mm) Ribbon Splice Protectors Box. 250/Box.	
	37	1.58" (40 mm) Ribbon Splice Protectors Pack. 5/Pack.	
	2	0.625" x 75' (16 mm x 23860 mm) Ribbon Protection Sock	
	2	0.5" x 15' (13 mm x 4572 mm) Hook & Loop Cable Tie.	
	80	0.75" x 3.5" (19 mm x 89 mm) One-Piece Hook & Loop.	
	1	Strain Relief Gland for Cable Terminal, range of 0.944" to 1.515" (24 mm to 38 mm). Item Number: FTHFC-GLAND-KIT-1.515	
3	Strain Relief Gland for Cable Terminal, range of 0.787" to 1.020" (20 mm to 26 mm). Item Number: FTHFC-GLAND-KIT-1.02		

# PRODUCT ORDERING GUIDE

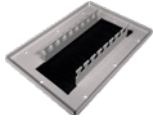







## RECOMMENDED ITEMS

ITEM NUMBER	ITEM NAME	DESCRIPTION	
<b>FTHFC-10K-V-SK1</b>	V-HSX Solution	Vertical Hyperscale eXchange Cabinet, 10,365F Splice Capacity. Contains 36, 432F Capacity Splice Trays; Work Platform; 8 Entry/Exit Shingles; V-HSX Gland & Accessory Starter Kit.	
<b>FTHFC-10K-V-SK1-NT</b>	V-HSX Cabinet & Work Platform	Vertical Hyperscale eXchange Cabinet empty, 10,365F Splice Capacity. Work Platform; 8 Entry/Exit Shingles.	
<b>FTHFC-10K-V-SPLICETRAY</b>	432f Splice Tray	432f Splice Tray for V-HSX, Holds up to 36 x 12ct Ribbon Splices. Compatible with FTHFC-10K-V-SK1-NT.	

## FIELD FURCATION KITS

ITEM NUMBER	ITEM NAME	QTY.	DESCRIPTION
<b>FFK-025KIT150F</b>	Field Furcation Kit, 1/4" (6 mm) Sleeve	1	150 ft (45.7 m) of 1/4" (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
<b>FFK-038KIT150F</b>	Field Furcation Kit, 3/8" (10 mm) Sleeve	1	150 ft (45.7 m) of 3/8" (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

## ACCESSORIES & CONSUMABLES

ITEM NUMBER	ITEM NAME	DESCRIPTION	
<b>FTHFC-3K-V-SK1-BRUSH-SHINGLE</b>	Brush Shingle with Lancing Bar, Top/Bottom	High Density Cabinet Cable Brush Shingle with Lancing Bar, Large Opening, Brush Dust Retention. Compatible with Top & Bottom Side of V-HSX Frame.	
<b>FTHFC-GLAND-KIT-1.515</b>	Strain Relief Gland, 0.944 to 1.515 inch	Strain Relief Gland for Cable Terminal, range of 0.944" to 1.515" (24 mm to 38.5 mm). Fits 2 inch diameter holes.	
<b>FTHFC-GLAND-KIT-1.02</b>	Strain Relief Gland, 0.787 to 1.020 inch	Strain Relief Gland for Cable Terminal, range of 0.787" to 1.020" (20 mm to 26 mm). Fits 1.875 inch diameter holes.	
<b>FTHFC-GLAND-KIT-0.827</b>	Strain Relief Gland, 0.433 to 0.827 inch	Strain Relief Gland for Cable Terminal, range of 0.433" to 0.827" (11 mm to 21 mm). Fits 1.875 inch diameter holes.	
<b>FPS-6-5P</b>	Splice Protection Sleeve, 5 Pack	1.58" (40 mm) Splice Protection Sleeve, 5 per Pack. Used for 2 to 12 Fibers.	
<b>FTHFC-SOCK-5/8-75FT</b>	Ribbon Protection Sock	Ribbon Protection Sock, 0.625" x 75' (16 mm x 22.9 m) Spool.	
<b>FTHFC-HL-TIE-30FT</b>	Hook & Loop Cable Tie	Hook & Loop Cable Tie, 0.5" x 30' (13 mm x 9.1mm).	
<b>FTHFC-HL-3/4IN-30FT</b>	One-Piece Hook & Loop	One-Piece Hook & Loop, 0.75" x 30' (19 mm x 9.1 mm).	

For further ordering assistance, please contact Inside Sales at **800-358-7378** or visit our website at: **SumitomoElectricLightwave.com**