

# 3K Vertical HyperScale eXchange Cabinet 3K-V-HSX

Often one size does not fit all. That is also the case when it comes to fiber entrance cabinets. While vast cabinets with high fiber counts are the perfect solutions for large data centers, there is still a need for a spacious cabinet, but a smaller number of fibers. Sumitomo Electric Lightwave has recognized this need and has created a cabinet solution that brings all the benefits of the VHSX in smaller cabinet space with one-third the fiber count. The 3K VHSX Cabinet will be the transition point between outside plant cables and indoor distribution cables allowing for a capacity of 3,456 fibers. Through its number of cable openings and features, the 3K VHSX solution will solve the needs for any private network or data center entering into or requiring a low fiber optic distribution frame.

## FEATURES & BENEFITS

### 1. Compact Frame

- Fiber Capacity of 3,456
- Wall Mount
- 6 areas for cable exits & entries

### 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

- Easy to use & integrated flat surface work station for splicing & other tasks
- Work surface covered in nonslip material

### 4. Doors

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


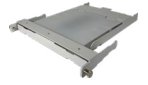






### 5. Other Features & Benefits

- Lifting plate included to move cabinet
- Electric ground busbar
- RoHS & REACH Compliant

ITEM NUMBER	FRAME	MHSX FRAME CAPACITY
<b>3K VHSX CABINET</b>		W. 32" (813 mm) H. 21.5" (546 mm) D. 15" (381 mm)
		<b>3,456 Fibers</b> 8 Trays
<b>432 SPLICE TRAY</b>		<b>432 Fibers</b> 36 x 12ct
<b>3K VHSX WORK PLATFORM</b>		W: 14.5" (368 mm) D: 12" (305 mm)




### 3K VHSX SOLUTION COMPONENTS



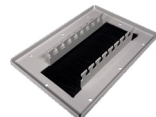




ITEM NAME	QTY. PER UNIT	DESCRIPTION	
<b>3K VHSX Frame</b>	1	High Density Vertical Fiber Optic Exchange Cabinet, 3K VHSX Cabinet.	
<b>432 Splice Tray</b>	8	432 Splice Tray Modules for 3K VHSX, Holds up to 36 x 12ct Ribbon Splices.	
<b>6 Large Cable Gland Shingle, Top/Bottom</b>	2	High Density Cabinet Cable Gland Shingle, 6 Large Glands. Compatible with Top & Bottom of 3K VHSX Frame , FTHFC-GLAND-KIT-1.515, & FTHFC-GLAND-KIT-0.827.	
<b>8 Large Cable Gland Shingle, Left/Right</b>	1	High Density Cabinet Cable Gland Shingle, 8 Large Glands. Compatible with Left & Right Side of 3K VHSX Frame , FTHFC-GLAND-KIT-1.515, & FTHFC-GLAND-KIT-0.827.	
<b>12 Small Cable Gland Shingle, Top/Bottom</b>	2	High Density Cabinet Cable Gland Shingle, 12 small Glands. Compatible with Top & Bottom Side of 3K VHSX Frame & FTHFC-GLAND-KIT-0.709.	
<b>18 Small Cable Gland Shingle, Right/Left</b>	1	High Density Cabinet Cable Gland Shingle, 18 Small Glands. Compatible with Left & Right Side of 3K VHSX Frame & FTHFC-GLAND-KIT-0.709.	
<b>3K VHSX Work Platform</b>	1	Work Platform for FTHFC-3K-V-SK1.	
<b>3K VHSX Gland and Accessory Starter Kit</b>	<b>QTY. PER UNIT</b>		
	145	1.58" (40 mm) Ribbon Splice Protectors.	
	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.	
	50	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 38.5 mm). Item Number: FTHFC-GLAND-KIT-1.515	
6	Strain Relief Gland for Cable Terminal, range of 0.354" to 0.709" (9 mm to 18 mm). Item Number: FTHFC-GLAND-KIT-0.709		

# PRODUCT ORDERING GUIDE

## RECOMMENDED ITEMS

ITEM NUMBER	ITEM NAME	DESCRIPTION	
<b>FTHFC-3K-V-SK1</b>	3K VHSX Solution	3K Vertical Hyperscale eXchange Cabinet, 3456F Splice Capacity. Contains 8, 432F Capacity Splice Trays; Work Platform; 6 Entry/Exit Shingles; Cable Glands.	

## ACCESSORIES & CONSUMABLES

ITEM NUMBER	ITEM NAME	DESCRIPTION	
<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).	
<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).	
<b>FTHFC-GLAND-KIT-0.709</b>	Strain Relief Gland, 0.354 to 0.709 inch	Strain Relief Gland for Cable Terminal, range of 0.354" to 0.709" (9 mm to 18 mm).	
<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 3K VHSX Frame.	
<b>FPS-6-5P</b>	Ribbon Splice Protector	1.58" (40 mm) Ribbon Splice Protectors, 5 per Pack.	
<b>FTHFC-SOCK-5/8-75FT</b>	Ribbon Protection Sock	Ribbon Protection Sock, 0.625" x 75' (16 mm x 22860 mm) Spool.	
<b>FTHFC-HL-TIE-30FT</b>	Hook & Loop Cable Tie	Hook & Loop Cable Tie, 0.5" x 30' (13 mm x 9144 mm).	
<b>FTHFC-HL-3/4IN-30FT</b>	One-Piece Hook & Loop	One-Piece Hook & Loop, 0.75" x 30' (19 mm x 9144 mm).	

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