

FieldSmart® Fiber Scalability Center (FSC)

Accessories



Pole Mount Kit

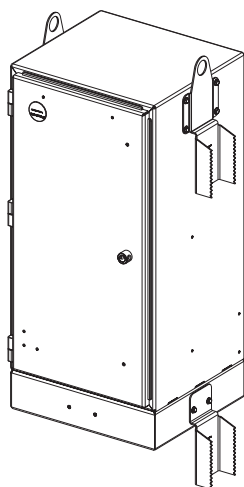
Description

The FieldSmart Fiber Scalability Center (FSC) Pole Mount Kit provides the ability to pole mount the 144 port, 288 port and 432 port PON, 432 port cross-connect, and Hub Collapse cabinets. Also available are the Pole Mount Under Plate Kits. It has an easy to install hook and tab design with a rugged thru-pole lag bolt for security.

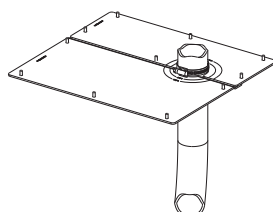


Pre-Configured Part Numbers

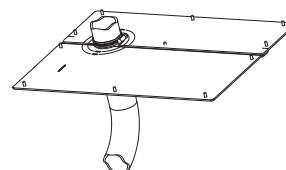
Part Number	Description	Application/Where Used
FMA-H3Z-BC-SUB	Pole mount kit only, for 144 FDH	144 FDH PON
FMA-H3Z-KIT-SUB	Kit, includes Pole Mount Kit and under plate kit	288 PON, 432 cross-connect, hub collapse
FMA-H3Z-KIT-SUB-144	Kit, includes Pole Mount Kit and under plate kit	144 FDH PON
FMA-H3Z-KIT-432-SUB	Kit, includes Pole Mount Kit and under plate kit	432 PON only
FMA-H3Z-PLT-STRG-SUB	Pole Mount Under Plate Kit, with security clamp	288 PON, 432 cross-connect, hub collapse
FMA-H3Z-PLT-SUB	Pole Mount Under Plate Kit	144 & 288 PON, 432 cross-connect, hub collapse
FMA-H3Z-SUB	Pole Mount Kit	288 PON, 432 PON, 432 cross-connect, hub collapse
015292	432-Port PON Pole Mount Under Plate Kit	432 PON Only



FMA-H3Z-SUB
FSC Pole Mount Kit
(288 and 432 PON, 432 Cross-Connect and HCC only)



015292
432 Port PON Pole Mount Under Plate Kit



FMA-H3Z-PLT-SUB
FSC Box Pole Mount Underplate Kit
(288 and 432 PON, 432 Cross-Connect and HCC only)

Cabinet Entrance Expansion Kit

Description

The FieldSmart Cable Expansion Kit includes all the material to add up to 3 additional cables to any of our FieldSmart Cabinets. It includes sealcons, nuts, o-rings, grommets and strength member tie off clamps.



Pre-Configured Part Numbers

Part Number	Description
FMA-XXX-14	Cabinet Entrance Expansion Kit, contains extra sealcon and grommets

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Deep Socket Wrenches

Description

The handy, light weight Deep Socket Wrench is manufactured from alloy steel. In a patch and splice (Clearfield's in-cassette splicing solution) cabinet where the customer installs the incoming cable, the cable must go through the watertight fittings that are provided with each cabinet. Watertight fittings must then be installed into the FieldSmart Cabinet. These wrenches are designed to make tightening of the dome, thread and lock nuts more manageable. The wrench encloses the dome nut on five sides, giving the nut additional rigidity during tightening. This is especially important if a stiff cable is used.



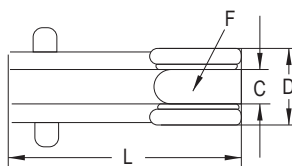
Note: Does not work with all Flex Fittings. One of each style wrench (40 mm and 42 mm) is needed to tighten the 1" watertight fitting used on all FieldSmart Cabinets.

Torque Recommendations for Strain Relief Fittings

Torque in Inch Pounds - in lb. (Newton Meters - Nm)

	Metal Strain Relief Fittings	Plastic Strain Relief Fittings
Dome Nuts	59.0 (6.67)	44.2 (5.00)
Thread and Lock Nuts	88.5 (10.0)	66.4 (7.50)

Pre-Configured Part Numbers

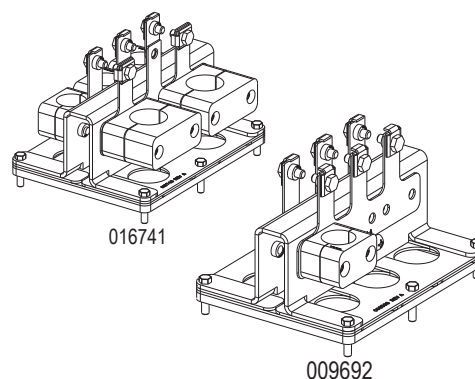


Part Number	Wrenching Flats (F)	Length (L)	Inner Diameter (C)	Outer Diameter (D)
013190	1.57" (40 mm)	3.94" (100 mm)	0.98" (25 mm)	2.07" (52.5 mm)
013191	1.65" (42 mm)	3.94" (100 mm)	1.06" (24.7 mm)	2.15" (54.5 mm)

Mid-Span Opening Feed-Through Plate Kit

Description

The FSC Mid-Span Opening Feed-Through Plate Kit is specifically designed for Clearfield® FieldSmart Fiber Scalability Centers (FSC). It provides the hardware components to confidently secure the ring cut/mid-span fiber optic cable in an OSP cabinet. This kit utilizes the existing cable entry/exit ports in the Clearfield OSP cabinets. It saves the customer time and money by allowing them to only splice the required fiber counts needed into the cabinet.



Pre-Configured Part Numbers

Part Number	Description
009692	FieldSmart Mid-Span Opening Feed-Through Plate Kit for cables up to 1" (25.4 mm) O.D.; includes strength member tie off clamp
016741	FieldSmart Mid-Span Opening Feed-Through Plate Kit for cables up to 1.25" (31.75 mm) O.D.; includes strength member tie off clamp
016757	Strength member tie off kit - for retro fit or older version of 009692

FieldSmart® Fiber Scalability Center (FSC)

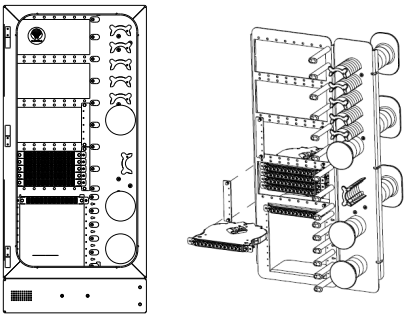
Accessories



Cassette - Cabinet Adapter Brackets

Description

Vertical bracket kit for FieldSmart Hub Collapse Cabinets. These brackets mount vertically in one of the 4 LGX slots and will allow the customer to add up to 5 additional cassettes per slot. We are including one set of these brackets with every HCC that is sold – as part of the standard product offering. If the customer needs additional brackets, please have them order additional kits.



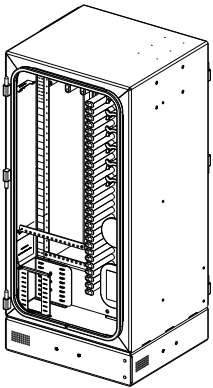
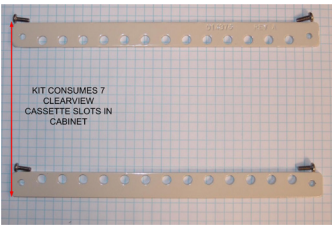
Pre-Configured Part Numbers

Part Number	Description
014375	Cassette - Cabinet Adapter Brackets

LGX - Cabinet Adapter Brackets

Description

Horizontal bracket kit for FieldSmart 144 PON, 288 PON, 432 PON, 576 PON, 864 PON, 1152 PON, 432 Cross Connect, 864 Cross Connect and 1728 Cross Connect. These brackets mount horizontally within the cabinet and will allow the customer to mount up to 6 LGX style modules and 13 ½ wide LGX modules inside of the cabinet. The brackets will reduce the capacity of terminations within the cabinet by 84 ports (7 cassettes). These kits will be available as an optional item and should be ordered separately by the customers.



Pre-Configured Part Numbers

Part Number	Description
014380	LGX - Cabinet Adapter Brackets

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Cable Protection Boot

Description

The FieldSmart Cable Protection Boot is a dark gray, vacuum-formed plastic, one piece boot that is attached to the pole and designed to provide additional cable protection where the cables enter/exit the pole mount cabinet. Designed to work in conjunction with a standard 2" U-Channell, it provides additional security and encases all incoming cables and conduit. Designed to fit any Clearfield pole mount FSC Cabinet, the FieldSmart Cable Protection Boot provides additional security and aesthetic appeal by encasing the incoming and outgoing fiber or conduit between the cabinet and the pole.



Pre-Configured Part Numbers

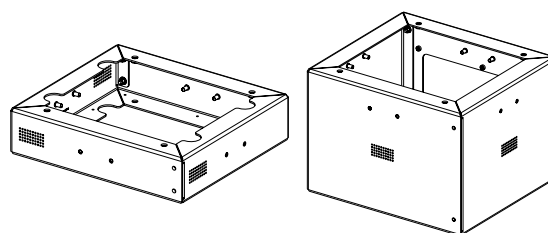
Part Number	Description
014681	Pole Mount Protection Boot

Riser Kits

Description

Specifically designed for FieldSmart Cabinets, these kits can be installed onto existing risers (included with each cabinet). Risers are available in 4" or 12". All 12" Riser Kits include an access panel, allowing for easy access to cable entrance area underneath the cabinet.

These riser kits can be stacked, allowing the cabinet to be raised to the required height depending on the individual application requirements. Each kit includes the riser and mounting bolt kit.



Pre-Configured Part Numbers

Riser Kits	FDH 144, FSC 288 PON, 432 CC or HCC	FSC 432 PON	FSC 576 PON, 864 CC	864 PON FDH	FSC 1152 PON, 1728 CC
4"	012873	014370	012875	020892	012875
12"	012874	014371	012876	020893	012876
12" with Ground Box	012874-G	014371-G	012876-G	020893-G	012876-G