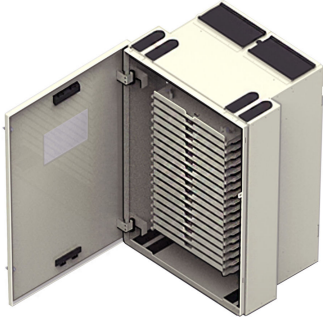# FEC

Base Product

Fiber Optic Entrance Cabinet (FEC)

CommScope's FEC Wall Mount Frame provides splicing, administration and storage for outside plant (OSP) and intrafacility cables (IFC). The cabinets are designed for deployment in a building equipment area and offers a cost-effective, space-saving alternative to splicing on the fiber frame.

Equipped with splice drawers and available in several configurations, the FEC's largest configuration accommodates up to 3456 stranded fibers or 10,368 ribbon fibers. Bend radius protection and discrete subunit routing paths ensure easy access and prevent excess attenuation.

The FEC cabinets accommodates a wide variety of cable types and splicing methods. They are also safety listed in UL file E114344 Volume 4 Section 1.

- Recommended applications: Off-frame splice location for outside plant (OSP) cables to be spliced to intrafacility (IFC) cable
- Description: Accommodates multiple fiber splicing requirements with various cabinet sizes
- Cable management: Superior
- Routing paths: Clear
- Physical protection: Robust
- Access splice point: Easy

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Portfolio	CommScope®
Product Type	Fiber entrance cabinet
Product Series	FEC

General Specifications

Access	Front
Cable Entry Location	Bottom	Side	Top
Cable Exit Location	Bottom	Side	Top
Color	Putty white
Mounting	Rack, EIA 23 in	Wall

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FEC

Splicing Configuration

Enhanced FEC solutions					Same overall size	Old FEC solutions		
New MID	# of Splice Drawers	Splice Capacity			Dimensions (W x D x H)	Mounting Option	Old MID	Old Splice Capacity (Stranded/Ribbon)
		Stranded 2 x 48	Ribbon (Flat or RR) 288	Rollable Ribbon 432				
FEC-6	6	576	1728	2592	32"x13"x20"	Wall Mount	FEC-144	144/432
FEC-12	12	1152	3456	5184	32"x13"x28"	Wall Mount	FEC-288	288/864
FEC-18-RM	18	1728	5184	7776	26"x15"x36"	Rack Mount	FEC-432RM	432/1296
FEC-XL-RM	18	1728	5184	7776	26"x20"x36"	Rack Mount	FEC-432RM	432/1296
FEC-24	24	2304	6912	10368	32"x13"x45"	Wall Mount	FEC-576	576/1728
FEC-36	36	3456	10368	15552	32"x13"x62"	Wall Mount	FEC-864	864/2592
FEC-36	36	3456	10368	15552	32"x13"x62"	Wall Mount	FEC-10K	NA/10368

Environmental Specifications

Environmental Space   Indoor

Packaging and Weights

Included   Grommets

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