

Fiber Distribution Hub Cabinets

Connects fiber optic cables and optical splitters in the outside plant of a PON architecture



Engenuity Fiber Distribution Hub outdoor cabinet distributes fiber signals to homes and residential buildings for FTTx network. Provides a robust and cost-effective solution for connecting feeder and distribution cables in a passive optical network.



288 SC/APC Cabinet (shown)

FEATURES

- High-density, yet scalable configuration
- Cassette based for scalable distribution count
- Capacity: up to 576 with SC/APC; 1,152 with LC/APC
- Splitter module available in 1×4, 1×8, 1×16, 1×32 and 1×64 ratio
- Front and rear door access
- Intuitive management with route separation for feeder and distribution
- Available with factory pre-connectorized cable stubs or in-cabinet splicing



576 SC/APC Cabinet (shown)

SPECIFICATION

Material	Welded aluminum cabinet; powder coated telco off-white color
Performance	Designed to meet GR-3125-CORE
Application	Outdoor, Pad mount
Dimension (HxWxD) (Height includes 8" riser)	Up to 288 SC/APC: 42.3" x 21" x 19.8" Up to 576 SC/APC: 52.6" x 25" x 19.8"

Note: 12" tall riser available

Contact your Engenuity representative for specific part number and configuration.

OUTSIDE PLANT



ORDERING INFORMATION

Prefix	Distribution Count	Feeder Count	Connector Type	Splitter Included	Split Ratio	Cable Type	Cable Length
FDH	72 = 72 Port	A = 12 Fiber	1 = SC/APC	X = None	X = N/A	X = Non-Stub	A = 50 Feet
	144 = 144 Port	B = 24 Fiber	2 = SC/UPC	1 = 1 Splitter	A = 1 × 4	A = Dry Dielectric Loose Tube	B = 100 Feet
	288 = 288 Port	C = 36 Fiber	3 = LC/APC	2 = 2 Splitters	B = 1 × 8	B = Dry Loose Tube, Armored	C = 200 Feet
	432 = 432 Port	D = 48 Fiber	4 = LC/UPC	3 = 3 Splitters	C = 1 × 16	C = Gel-Filled Dielectric Loose Tube	
	576 = 576 Port	X = No Feeder			D = 1 × 32	D = Gel-Filled Loose Tube, Armored	

Example: FDH288B1XXAB

288FDH Cabinet, SC/APC, 24 Fiber Feeder, (2) 144F 100' Dielectric Loose Tube, 8" Riser

ACCESSORIES

Engenuity Part #	Description
SPC1X321	Splitter Module, 1×32 SC/APC, FDH Cabinet
FDHPMK-1	Pole Mount Kit, FDH Cabinet