

Fiber Distribution Hubs (FDH Gen3e)

The FDH Gen3e enclosure provides for connections between fiber optic cables and passive optical splitters in the Outside Plant (OSP) environment. This enclosure connects feeder and distribution cables via passive splitters in an Optical Distribution Network (ODN) application. The FDH Gen3e enclosure is placed strategically in the ODN to facilitate service connection and reconfiguration.

Features

- One cabinet size used for all configurations; 144-, 288- and 432-port applications
- Universal Splitter is easily used in CommScope and other vendors cabinets
- Only requires 1x16 or 1x32 splitters for maximum utilization
- Pre-assembled with clear adapter dust caps for easy test identifications
- Parking-Lot® door hinged right at shipment; however can be modified in the field to drop down for pole-mount applications
- Vented pedestals for breathability which prevents accumulation of moisture in the unit
- Single door design has 3-point locking mechanism with a new push-to-lock door hatch
- Offered in pad- and pole-mount configurations; same working space available in both
- Re-skinnable pedestal enclosure allows for shell replacement when damaged
- Red pigtailed to easily distinguish pass-through circuits when bypassing of splitters is required for non-PON services



Pad-Mount Application
(Door Hinged Right)

Ordering Information

Description	Part Number	Verizon MMID	Verizon SSID	
FDH Gen3e Hubs				
SC/APC, pre-terminated with a 100' distribution and feeder stub cables 24 splitter spots				
Pad-Mount	144-Port	F3H-1G144UE	10825618	11285270
	288-Port	F3H-1G288UF1	10797922	11328337
	432-Port	F3H-1G432UF1	10797911	11328336
Pole-Mount	144-Port	F3H-1A144UE		11285273
	288-Port	F3H-1A288UF1	10797885	11328339
	432-Port	F3H-1A432UF1	10797910	11328338

NOTE: Splitter modules are purchased and shipped separately from the FDH Gen3e cabinets; see page 79.



Pad-Mount Application
(Swing Frame Open)

Specifications - FDH Gen3e

	144-Port	288-Port	432-Port
Configuration:	Pad/Pole	Pad/Pole	Pad/Pole
Access:	Front Only	Front Only	Front Only
Doors:	1 Front	1 Front	1 Front
Dimensions (inches):			
Height, pole-mount:	36" (91 cm)	36" (91 cm)	36" (91 cm)
Height, pad-mount:	44" (111 cm)	44" (111 cm)	44" (111 cm)
Width:	21.5" (54 cm)	21.5" (54 cm)	21.5" (54 cm)
Depth:	13.5" (34 cm)	13.5" (34 cm)	13.5" (34 cm)
Enclosure Weight (without pedestal, cables or splitters):	65 lbs (29 kg)	70 lbs (32 kg)	75 lbs (34 kg)
Pedestal Weight:	10 lbs (4.5 kg)	10 lbs (4.5 kg)	10 lbs (4.5 kg)
Connectors:	SC/APC	SC/APC	SC/APC
Fiber Termination Shelf:	(1) 144-Fiber	(2) 144-Fiber	(2) 216-Fiber
Parking Adapters:	384	384	384
Splitter Capacity:	24	24	24
Splitter Modules Included:	0	0	0
Distribution Stub Cable:	Ribbon Cable	Ribbon Cable	Ribbon Cable
Feeder Sub Cable:	144 fibers, 100 feet	288 fibers, 100 feet	432 fibers, 100 feet
F1 Fiber Terminations:	24	48	48
Cable Ports:	2	2	2
Cable Clamps:	2 Provided	2 Provided	2 Provided
Enclosure Rating:	NEMA 3R	NEMA 3R	NEMA 3R
Enclosure Performance:	GR-3125	GR-3125	GR-3125
Standard Color:	OSP Beige	OSP Beige	OSP Beige



FDH Gen3e
Fiber Cabinet

NOTE: When ordering a pad mount FDH, an 8" skirt is included and does not need to be ordered separately.
Total FDH height with skirt = 44"

FDH Pole-Mount Kit

Ordering Information

Description	Part Number	Verizon MMID	Verizon SSID
FDH Pole-Mount Kit Allows FDH to be hung to the side or directly on front	F3H-ACCEPOLEKT1	10797897	11047426



FDH Pole-Mount Kit
(FDH shown hung to the side)