

FDH3000-LARGE-CABINET

Base Product



FDH 3000 Large sized Fiber Distribution Cabinet

- Allows for standardized splitter modules and accessories across all FDH 3000 cabinets
- Supports diverse splitter module configurations: 1x32, 2x32, 1x16, 1x64, dual 1x16, 1x8, dual 1x8, 1x4, dual 1x4, 1x2, dual 1x2
- Craft friendly splitter module design: easy to insert and remove without affecting adjacent splitters

The FDH 3000 is designed to meet and serve the distinct needs of diverse markets and customer segments. The unique design of the FDH 3000 provides for rapid connection between fiber optic cables and passive optical splitters in the outside plant segment of the network, facilitating fast service connection and reconfiguration, simplified network installations and improved installation efficiencies in the field.

Features and Benefits

- Offers maximized network flexibility facilitating rapid service shifts
- Allows singular testing demarcation point for technician to CO
- Unique “swing-out frame” design allows for easy maintenance and access to back of distribution panels and cables
- Allows for easy maintenance and access to back of distribution panels and cables · Industry-leading splitter capacity
- Three-point latch provides weather-tight seal of cabinet
- Angled bulkhead panels eliminate 90° bends and assist technicians with cable routing
- Integrated slack storage spools allow for storage of excess fiber while providing positive bend radius control
- Parking lots hold and protect fiber splitter outputs until needed for service
- In-hub distribution splicing option incorporates splicing of distribution cables within the cabinet

Product Classification

Regional Availability	North America
Product Type	Fiber distribution hub
Product Series	FDH 3000
Warranty	One year

General Specifications

Access	Front and rear door
Color	Putty white
Mounting	Pad

Dimensions

Height	1,238.25 mm 48.75 in
Width	1,220.47 mm 48.05 in

FDH3000-LARGE-CABINET

Depth 497.33 mm | 19.58 in

Enclosure Size Large

Dimension Drawing

FDH 3000 Specs


	Cabinet	Size (HxWxD)	Unit Weight*	Access	Mounting Options	Splitter Slots	Pass Through Fibers	Cable Exit Location
Ground Mount	FD3-AC (24-144)	36" x 21" x 14" (91.4 x 53.3 x 35.6 cm)	120 lbs (54.5 kg)	All Front	Ground	18	18	Bottom
	FD3-AE (72-288)	36" x 27" x 18" (91.4 x 68.58 x 45.72 cm)	140 lbs (63.5 kg)	All Front	Ground	24	36	Bottom
	FD3-AG (72-576)	42" x 27" x 18" (106.68 x 68.58 x 45.72 cm)	225 lbs (102 kg)	All Front	Ground	30	36	Bottom
	FD3-AJ (72-1152)	49" x 47" x 20" (124.5 x 119.4 x 50.8 cm)	340 lbs (154 kg)	All Front	Ground	48	72	Bottom
Pole Mount	FD3-AC	30" x 21" x 14" (76.2 x 53.3 x 35.6 cm)	115 lbs (52 kg)	All Front	Pole	18	18	Rear to Top or Bottom
	FD3-AE	30" x 27" x 18" (76.2 x 68.58 x 45.72 cm)	130 lbs (59 kg)	All Front	Pole	24	36	Rear to Top or Bottom
	FD3-AG	36" x 27" x 18" (91.4 x 68.58 x 45.72 cm)	295 lbs (134 kg)	All Front	Pole	30	36	Rear to Top or Bottom
In-Hub Splice	FD3-AC	36" x 21" x 14" (91.4 x 53.3 x 35.6 cm)	130 lbs (59 kg)	All Front	Ground	9	18	Bottom
	FD3-AE	36" x 27" x 18" (91.4 x 68.58 x 45.72 cm)	105 lbs (60 kg)	All Front	Ground	12	36	Bottom
	FD3-AG	42" x 27" x 18" (106.68 x 68.58 x 45.72 cm)	225 lbs (102 kg)	All Front	Ground	22	36	Bottom

Ordering Tree

FDH3000-LARGE-CABINET

FD3-AJ Ground Mount Cabinet (72-1152 Fibers) Large

FD3 - AJ X X X X X X X X X X



Distribution Fiber Panel Loaded

072	72 Fibers	504	504 Fibers
096	96 Fibers	576	576 Fibers
144	144 Fibers	648	648 Fibers
216	216 Fibers	720	720 Fibers
288	288 Fibers	864	864 Fibers ⁴
360	360 Fibers	1152	1152 Fibers
432	432 Fibers		

Adapters/Connector Type

Singlemode	
N	SC/UPC
J	SC/APC ⁴

Number of Preloaded Splitter Modules

0	No splitter modules ⁴
1	1 splitter module
2	2 splitter modules

Splitter Type Loaded

0	No splitters ⁴
A	(1x32)
C	(1x16)
G	(2x32)
J	(1x8)
L	(Dual 1x8)
M	(Dual 1x16)
N	(1x4)
P	(2x16)
S	(1x64)
U	(Dual 1x4)
W	1x2
X	Dual 1x2

Feeder/Distribution Cable Type¹

G	Dry single armor stranded loose tube
J	Dry dielectric stranded loose tube
L	Armored ribbon ²
T	Dry dielectric ribbon
N	Dry single armor stranded loose tube for feeder Armored ribbon for dist ²

Feeder Cable Size

0	None
1	12 Fibers
2	24 Fibers
3	36 Fibers
4	48 Fibers
5	288 Fibers ³
7	72 Fibers
8	96 Fibers
9	144 Fibers

Feeder Input Style

P	Feeder input capable ⁴
0	Feeder input removed

Feeder/Distribution Cable Stub Length¹

A	25 feet
B	100 feet ⁴
D	200 feet
E	350 feet

Distribution Cable Configuration¹

A	All 72 fiber stubs
B	All 144 fiber stubs
C	All 216 fiber stubs
D	144 & 72 fiber stub combo: 216 (1x144 & 1x72), 288 (1x144 & 2x72), 360 (2x144 & 1x72), or 432 (2x144 & 2x72)
F	All 432 fiber stubs
G	All 288 fiber stubs

¹ Some configuration options are not available
² Transition to dry armored ribbon in process
³ 264 usable, 192 via splitter inputs & 72 via passthrough
⁴ Most common selection

No in-hub splice or pole mount options available (see FDH5000 product line for high fiber count pole mount options)
 For configuration questions and support, please contact the [CommScope Technical Assistance Center](#)

Material Specifications

Finish Powder coated

Material Type Aluminum

Environmental Specifications

Environmental Space Above ground

Qualification Standards Telcordia GR-3125-CORE | Telcordia GR-487-CORE

Packaging and Weights

Packaging quantity 1

Packaging Type Pallet

FDH3000-LARGE-CABINET

* Footnotes

Warranty

For more information, please consult our Product Warranty guidelines