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DATA SHEET

OPTIMUS AERIAL FIBER HUB CABINETS

OAFH Cross Connect Pole/Wall Mount

The pole/wall mounted Optimus Cabinet Fiber Hub is a powder coated aluminum cabinet designed for centralized split points in a PON network. The 72, 96, 144, 288, and 432 fiber termination choices allow operators to scale the cabinet cost to their network design.

FEATURES

- **Fiber Bend Radius Protection provides timeless performance.**
- **Intuitive fiber routing provides ease of use and repeatable splitter installation.**
- **Easy connector access allows easy cleaning access and quick reliable connections.**
- **Diverse splitter, WDM/Splitter, and CWDM module choice allow deployment in all GPON, EPON, and RFOG deployments (as well) in both centralized split and distributed split network configurations.**
- **Splitter module fits all styles of Fiber Hub enclosures; which minimizes inventory and guarantees that the technician has the right modules to complete the work order.**
- **Splitter Modules include 1x32, 2x32, 1x16, 2x16, Dual 1x16, 1x8, Quad 1x8, 1x4, Sextuple 1x4, 1x2, and many versions of CWDM and DWDM multiplexer modules.**
- **Splitter Modules exceed GR-1209 and GR-1221 optical requirements and connect with GR-326 connectors delivering superb optical performance.**
- **Cabinets are Pole, Wall, and H-Frame mountable giving them placement flexibility.**
- **Cabinets are manufactured with corrosion resistant 5052 H32 high strength aluminum with welded seams and a powder coated finish will deliver decades of cabinet life.**
- **Powder coated, welded and gasketed Cabinets deliver NEMA 4 water tight and dust tight performance.**

PART NUMBER MATRIX

OAFH XXX X X X X X X X X X X X

Optimus Aerial Fiber Hub

Distribution Fiber Count

072	72-Fiber
096	96-Fiber
144	144-Fiber
288	288-Fiber
28S	288-Fiber split (2x144)
432	432-Fiber
43S	432-Fiber split (2x216)

C (Cross-Connect) or D (Dedicated)

Connector Type

A	SC/APC
B	LC/APC
M	MTP
U	SC/UPC
L	LC/UPC
X	SC/APC & MTP (dedicated version only)

Feed Count

A	12-Fiber
B	24-Fiber
C	36-Fiber
D	48-Fiber (288, 432 cabinets only)
E	72-Fiber (432 cabinets only)

Splitter(s) Included

N	NONE	D	Four 1x32
A	One 1x32	E	Five 1x32
B	Two 1x32	F	Six 1x32
C	Three 1x32	G	Seven 1x32
		H	Eight 1x32

PMT Bracket Included

N	None
P	PMT Bracket included
W	Wall Mount Bracket included

Stub Length

A	50 feet
B	100 feet
C	200 feet

Cable Type

A	Armored LBT
D	Dielectric LBT
X	Armored Ribbon
R	Dielectric Ribbon

Cable Entry Location

B	Bottom Entry
D	Rear Entry Cable Down (Pole Mount Only)
U	Rear Entry Cable Up (Pole Mount Only)

Cabinet Color

2	C2 Beige

Handle/Hasp Options

A	Hex Head Entry and Padlock Hasp
B	Hex Head Entry

Customer Specific

SPECIFICATIONS

Distribution Counts	Cabinet Dimensions	Recommended Feed Count	Splitter Module Capacity	Recommended Cable Stub Length	Recommended Cable Stub Entry*
72,96,144	15”w X 28”h X 12”d	24 Fiber (12 and 36 optional)	8	100’	Rear Entry, Stub Up
288	21.5”w X 31”h X 13”d	24 Fiber (36 and 48 optional)	15	100’	Rear Entry, Stub Up
432	27”w X 36”h X 15.5”d	48 Fiber	21	100’	Rear Entry, Stub Up

**Bottom entry and rear entry stub down options available*

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