

## OPTIMUS AERIAL FIBER HUB CABINETS

### OAFH 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
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 (3x144)											
C												
Connector Type												
A	SC/APC											
B	LC/APC											
M	MTP											
X	SC/APC & MTP											
U	SC/UPC											
L	LC/UPC											
Feed Count												
A	12-Fiber											
B	24-Fiber											
C	36-Fiber											
D	48-Fiber (288, 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	Pole Mount Bracket											
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	Beige											
Handle/Hasp Options												
A	Hex Head Entry and Padlock Hasp											
B	Hex Head Entry											

## 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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