

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
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												
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