



FiberX™ is a superhero fiber optic product team in the Channell Universe that is dedicated to the protection of fiber optics. FiberX is committed to making the world of fiber optics a better place through design, innovation, and service.

FiberX products feature an optimal fiber splice management system that is simple, organized and craft-friendly. With a wide range of features and accessories, FiberX offers a customized solution to meet the needs of any FTTX application.

The strength of FiberX has evolved from Channell's 90 years of experience and leadership with enclosures for the telecommunication and broadband industries. FiberX embodies the same reliable and proven features that have contributed to Channell's reputation and great success.

**FOR MORE INFORMATION ABOUT FIBERX PRODUCTS, CALL 800-423-1863.**



BUTT SPLICE CONFIGURATION CLOSURE SERIES



FREE-BREATHING CLOSURE SERIES



INLINE SPLICE CONFIGURATION CLOSURE SERIES



ENVIRONMENTALLY SEALED PEDESTAL SERIES



CABLE MANAGEMENT PIT/VAULT SYSTEM SERIES



**CHANNELL**

Where The Industry Connects.

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## FIBER HUB SERIES



**Fiber Hub Cabinet:  
Cross Connect  
Pole/Wall Mount**

## Data Sheet



### KEY FEATURES & BENEFIT

- 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 decentralized 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

### DESCRIPTION

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, and 288 fiber termination choices allow operators to scale the cabinet cost to their network design.



**Dedicated to protecting fiber optics through design, innovation, and service.**



# PRODUCT SPECIFICATIONS

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Distribution Counts	Cabinet Dimensions	Recommended Feed Count	Splitter Module Capacity	Recommended Cable Stub length	Recommended Cable Stub Entry*
72,96,144	15"wx28"hx11"d	24 Fiber (12 and 36 optional)	8	100'	Rear Entry, Stub Up
288	20"wx28"hx11"d	24 Fiber (36 and 48 optional)	15	100'	Rear Entry, Stub Up

\* Bottom entry and rear entry stub down options available

## PRODUCT SPOTLIGHT

### OPTIMUS 144 CABINET FIBER HUB, POLE/WALL MOUNT PART #: OAFH144CABAPADD2A

#### Overview

- OAFH144CABAPADD2A is an Optimus powder coated aluminum aerial pole mount cabinet designed for centralized split points in a PON network. It has a 24 fiber feed and a 144 fiber distribution field and includes all dielectric loose tube fiber stubs (50' long) and a single 1x32 splitter module. A pole mount bracket is also included.
- All connectors are SC/APC and the splitter modules have input and output leads on them to allow a cross-connection between the fiber input and any subscriber output through the splitter for an "on demand" deployment plan.
- Additional feed inputs can be used with fiber jumpers to bypass splitters for secure circuits with un-split signals
- Splitters are available in 32, 16, 8 and 4 way splits and one splitter module design fits every Fiber Hub designed (Cabinet, Sealed Closure or Pole Mount Cabinet designs)



# ORDERING INFORMATION

## PART NUMBER MATRIX

O A F H

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

- 1 O = OPTIMUS
- 2 A = AERIAL PMT/WALL MOUNT
- 3 F = FIBER
- 4 H = HUB
- 5 DISTRIBUTION FIBER COUNT  
072  
096  
144  
288
- 6 C = CROSS CONNECT
- 7 CONNECTOR TYPE  
A = SC/APC  
B = LC/APC  
U = SC/UPC
- 8 FEED COUNT  
A = 12  
B = 24  
C = 36  
D = 48 (288 cabinet only)
- 9 SPLITTER INCLUDED  
N = NONE  
A = one 1x32  
B = Two 1x32  
C = Three 1x32  
D = Four 1x32  
E = Five 1x32
- 10 BRACKET INCLUDED  
N = NONE  
P = Pole Mount Bracket  
W = Wall Mount / H-Frame Bracket
- 11 STUB LENGTH  
A = 50 ft  
B = 100 ft  
C = 200 ft
- 12 CABLE TYPE  
A = Armored Loose Tube  
D = Dielectric Loose Tube  
X = Armored Ribbon  
R = Dielectric Ribbon
- 13 Cable Entry Location  
B = Bottom entry  
D = Back Entry Down  
U = Back Entry Up
- 14 Cabinet Color  
1 = C1 Light green  
2 = C2 Beige  
3 = C3 Dark Green
- 15 Handle/Hasp Options  
A = Hex Head Entry And Padlock Hasp  
B = Hex Head Entry

