CHANNELL

DATA SHEET

OCFH OPTIMUS FIBER HUB CABINETS

OCFHXXXX Cross Connect Vault/Pad Mount

The Optimus Fiber Hub Cabinet is a high-density, vault-mounted fiber distribution hub solution designed for centralized split, FTTX deployment architectures. The OCFH features a robust, powder-coated aluminum shell with various sizes accommodating up to 576F in a compact footprint and allows operators to scale the cabinet to their network design maximizing return on investment.

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 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.**

PART NUMBER MATRIX

O C F H XXX X X X X X X X X X X X

O OPTIMUS
C CABINET
F FIBER
H HUB

Distribution Fiber Count

072	72-Fiber	432	432-Fiber (1x144, 1x288)
096	96-Fiber	43S	432-Fiber Split (2x216)
144	144-Fiber	576	576-Fiber (2x288)
288	288-Fiber	57S	576-Fiber Split (4x144)
28S	(288 split 2x144)		

C (Cross-Connect)

Connector Type

A SC/APC

Feed Count

A 12-Fiber
B 24-Fiber
C 36-Fiber
D 48-Fiber (288, 432, 576 cabinets only)
E 72-Fiber (576 cabinets only)

Splitter Included

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

Bracket Included

A 12" Skirt

Stub Length

B 100 ft

Cable Type

A Armored LBT
X Armored Ribbon

Cabinet Color

2 Beige

Handle/Hasp Options

A Hex Head Entry and Padlock Hasp
B Hex Head Entry

GLB Options

N None
E Include BULK, 2436, 24"D, Hex Bolt, Split Shield Lid for Cabinet Mnt, Std No Logo ... (144 or 288)
L Include BULK, 3048, 36"D, Hex Bolt, Split Shield Lid for Cabinet Mnt, Std No Logo ... (144, 288, 432, 576)
S Include BULK, 3676, 42"D, Hex Bolt, Split Shield Lid cut for Cabinet Mnt, Std No Logo... (144, 288, 432, 576)
R Include BULK, 3660, 36"D, Hex Bolt, Split Shield Lid cut for Cabinet Mnt, Std No Logo... (432 or 576)

Customer Specific Logo (Replaces Standard "No Logo")

1	Fiber Optic	4	Century Link	7	Cox
2	Broadband	5	MediaOne	8	NBN
3	Telecommunications	6	MegaCable	9	Comcast

SPECIFICATIONS

Distribution Count	Dimensions	Recommended Feed Count	Splitter Module Capacity	BULK Grade Level Box Options
72,96,144	15”w X 28”h X 14”d	24 Fiber (12 and 36 optional)	8	24x36x36 / 30x48x36 / 36x60x36
288	20”w X 28”h X 14”d	24 Fiber (36F and 48F optional)	15	24x36x36 / 30x48x36 / 36x60x36
432	27”w X 36”h X 16”d	48 Fiber (24F, 36F, 48F optional)	21	30x48x36 / 36x60x36
576	27”w X 32”h X 16”d	48 Fiber (24F, 36F, 48F optional)	27	30x48x36 / 36x60x36

CHANNELL

Where The Industry Connects.

WORLDWIDE HEADQUARTERS: Channell Commercial Corporation, Rockwall, TX, United States • Tel 800.423.1863 • Fax 951.296.2322
CANADA: Channell Canada, Inc., Mississauga, ON, Canada • Tel 905.565.1700 • Fax 905.565.8282
EUROPE, MIDDLE EAST, AFRICA: Channell Ltd., Dartford, United Kingdom • Tel 44.1322.312590 • Fax 44.1322.508490
AUSTRALIA, ASIA, PACIFIC RIM: Channell Pty. Ltd., Seven Hills, NSW, Australia • Tel 61.2.8884.4111 • Fax 61.2.8814.8841
DEVELOPING LOCATION: Mexico City, D.F., Mexico

www.channell.com

All specifications subject to change without notice. © 2021 Channell Commercial Corporation. All rights reserved.