

OCFH OPTIMUS FIBER HUB CABINETS

OCFHXXX 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.

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 optional)	8	24x36x36 / 30x48x36 / 36x60x36
288	20" w X 28" h X 14" d	24 Fiber (48F optional)	15	24x36x36 / 30x48x36 / 36x60x36
432	27" w X 36" h X 16" d	48 Fiber (24F optional)	21	30x48x36 / 36x60x36
576	27" w X 32" h X 16" d	48 Fiber (24F optional)	27	30x48x36 / 36x60x36

OCFH BULK CONFIGURATIONS

The OCFH is complemented by Channell's BULK vault solutions which are specifically designed with SHIELD lids to match the cabinet bottom-entry cutouts. The vault/lids come in a variety of sizes with pre-cut holes for cable entry directly into the OCFH, saving valuable time in the field and reducing installation labor costs.

Part Number	Description
BULK4170002307	BULK SHIELD, 2436, 24"D, 144/288 OCFH CABINET (NO LOGO, SPLIT LID, HEX BOLT)
BULK7170001989	BULK SHIELD, 3048, 36"D, 144/288 OCFH CABINET (NO LOGO, SPLIT LID, HEX BOLT)
BULK7170002744	BULK SHIELD, 3048, 36"D, 288/432 OCFH CABINET (NO LOGO, SPLIT LID, HEX BOLT, MARKER)
BULK7170002306	BULK SHIELD, 3048, 36"D, 432/576 OCFH CABINET (NO LOGO, SPLIT LID, HEX BOLT)
BULK8170002470	BULK SHIELD, 3660, 36"D, 432/576 OCFH CABINET (NO LOGO, SPLIT LID, HEX BOLT, MARKER)
BULKA7170002640	BULK 3048 SPLIT LID KIT, NO LOGO, SHIELD LID FOR OCFH 144/288, HEX BOLT (ACCESSORY-EA)
BULKA7170002653	BULK 3048 SPLIT LID KIT, NO LOGO, SHIELD LID FOR OCFH 432/576, HEX BOLT (ACCESSORY-EA)
BULKA7170002745	BULK 3048 SPLIT LID KIT, NO LOGO, SHIELD LID FOR OCFH 288/432, HEX BOLT (ACCESSORY-EA)



CHANNELL

Where The Industry Connects.

www.channell.com

All specifications subject to change without notice. © 2024 Channell Commercial Corporation. All rights reserved.