

Flex™ Compact Hub Enclosure (8/16 Ports)

Environmentally-protected enclosure designed for maximum flexibility at MDU fiber distribution locations

Charles' Flex Compact Hub (FCH) Enclosures were designed around the principal of "flexibility." These versatile enclosures may be wall or pole mounted and configured for low density Multi-Dwelling Unit (MDU) fiber distribution applications. With interchangeable feed and drop cable port plates, FCH are especially efficient at meeting FTTX deployment challenges regardless of splicing technique, fiber type or the use of pre-connectorized cable.

The FCH is the first offering in this new series of non-metallic hub enclosures. Constructed of lightweight and rugged polycarbonate, it provides long-life environmental protection. A fiber bulkhead provides technician-friendly access to feed and drop cables without disturbing existing subscriber connections. Internal cable management and bend radius controls maximize cable protection. Simple to install and secure, the FCH is truly a flexible enclosure designed to ensure lower total cost of ownership in all distribution network deployments.



Flex Compact Hub Enclosure (8 or 16 Ports, 16 Ports Shown)



Swing-Out Bulkhead with 1x16 Fiber Splitter

Applications



Garden Apartments



Low-Rise MDU



Strip Malls / FTTB



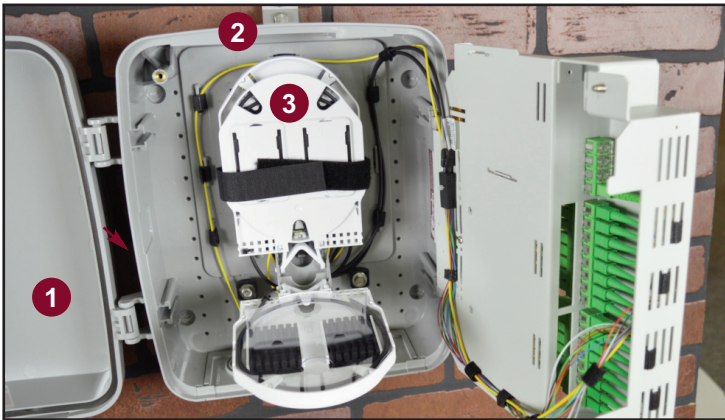
Campuses

MADE IN THE
USA

Charles

Flex Compact Hub Product Features

The Flex Compact Hub enclosure is designed to be flexibly configured to the unique requirements of many different fiber optic distribution points. Much engineering consideration was given to creating interchangeable and easily removable parts that also maintain the integrity of the enclosure's environmental protection features and ensure optimal cable routing.



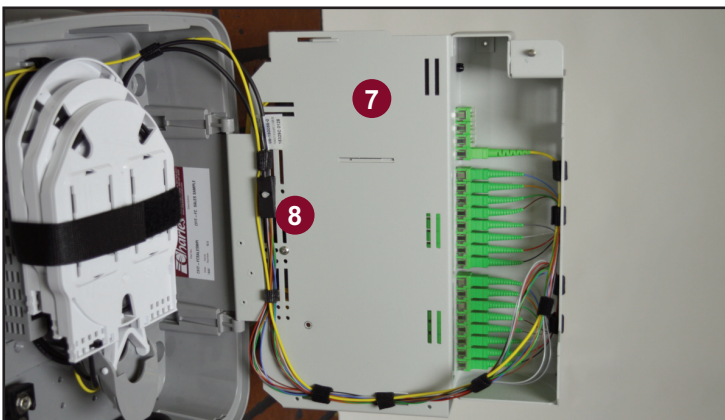
Flex Compact Hub



Interchangeable Cable Port Plates & Variable Entry Grommets



Swing-Out Fiber Bulkhead (Drop Side)



Swing-Out Fiber Bulkhead (Feed Side)

- 1 Robust lightweight polycarbonate construction for indoor/outdoor use
- 2 Molded-in wall/pole mount brackets for bolting to wood, masonry, drywall
- 3 Backplane accommodates up to three small hinged splice trays and cable attachments for convenient fiber splicing
- 4 Interchangeable and removable bottom cable port plates with variable entry grommets maximize cable entrance/exit and support a wide variety of cable sizes while maintaining the enclosure's environmental protection integrity
- 5 216-tool lockable door with a padlock hasp for enhanced security

Fiber Bulkhead

- 6 Swing-out fiber bulkhead accommodates a single splitter module
- 7 Fiber bulkhead provides easy access to feed and drop cable adapters as well as bend radius control and strain relief guides
- 8 Efficient internal cable management and routing with multiple tie-down locations



Closed View

Product Specifications

Dimensions:	15"H x 12"W x 5.5"D (38cm x 30.5cm x 14cm)
Construction:	Rugged UL94-5VA Gray Polycarbonate
Weight:	7 lbs. (3.18 kg) empty (enclosure only)
Connector Types:	SC/APC
Compliance:	Designed to meet GR-950, GR-2898, NEMA 4, IP66

Flex™ Compact Hub Interchangeable Port Plates

Each Flex Compact Hub enclosure features two bottom cable port locations (left and right). Each location may be equipped with any combination of the interchangeable and removable port plates types shown here.



Two (2) 0.75" Grommets
#CFIT-FC-SDGRP



One (1) 1.00" Grommet
#CFIT-FC-MSGRP



Two (2) 0.75" Cordgrips
#CFIT-FC-SDCGP

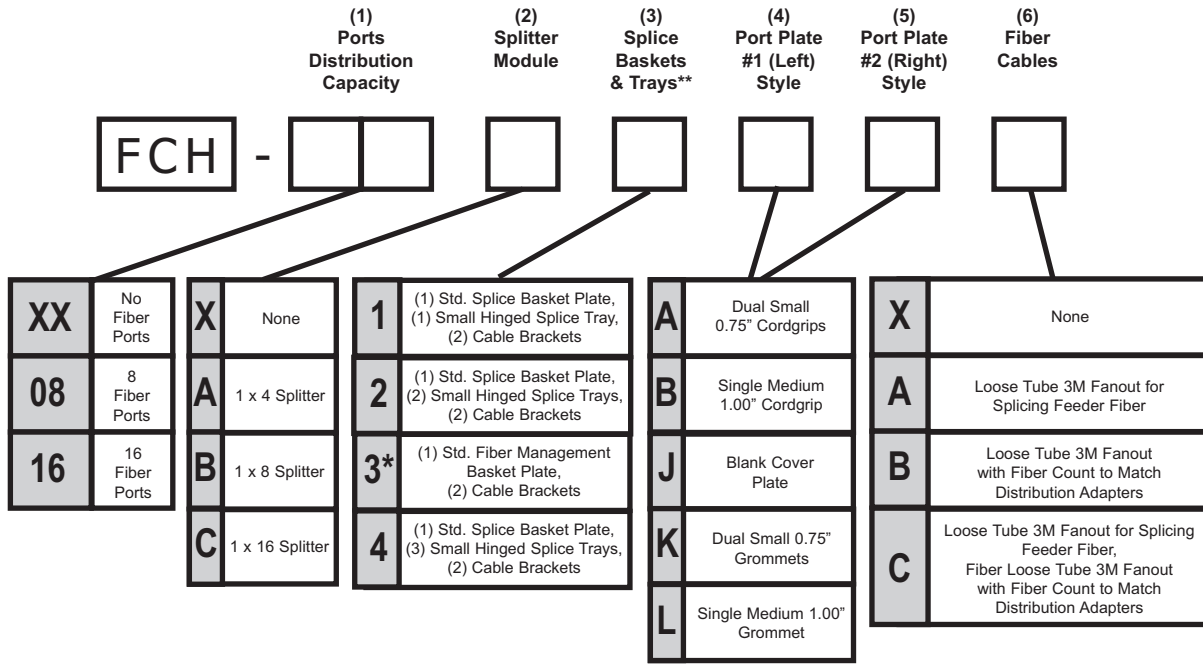


One (1) 1.00" Cordgrip
#CFIT-FC-MSCGP



Blank Face Plate
#CFIT-FC-BLNKP

Flex™ Compact Hub Ordering Information



* Selected when field supplies pre-connectorized feed and drop cables

** Each splice tray holds a maximum of 24 splices of 900 micron

Please call (847) 806-6300 for availability of custom configurations, identification labels, and other options.

Dependable Solutions, Superior Support

- Field-proven and unequaled 24-hour technical support
- Individualized application consultation
- Superior quality (ISO 9000/TL 9000 registered)

Visit our website at <http://www.charlesindustries.com>

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