CFIT-Flex™ Standard Universal Enclosure

Environmentally-protected enclosure designed for maximum flexibility and multiple fiber, copper or coaxial applications

Charles' new CFIT-Flex Series of universal enclosures were designed around the principal of "flexibility." These versatile enclosures may be configured to meet a variety of fiber, copper or coaxial distribution applications. With a universal backplane and interchangeable feed and drop cable port plates, CFIT-Flex are especially efficient at meeting FTTX deployment challenges regardless of splicing technique, fiber type or the use of pre-connectorized cable.

The CFIT-Flex Standard is constructed of lightweight and rugged polycarbonate to provide long-life environmental protection. An optional fixed 72-port fiber bulkhead provides technician-friendly access to feed and drop cables without disturbing existing subscriber connections. Up to seven small hinged splice trays can be accommodated on either side of the bulkhead. Internal cable management and bend radius controls maximize cable protection. Simple to install and secure, the CFIT-Flex Standard is truly a flexible enclosure designed to ensure lower total cost of ownership in all distribution network deployments.

CFIT-Flex with Universal Backplane for Mounting Fiber, Copper or Coaxial Equipment and Slack Cable

Closed View

Optional Fixed Fiber Bulkhead (supports up to 72 SC fiber drops)

Applications

Garden Apartments

Low-Rise MDU

Mid-Rise MDU

High-Rise MDU

**Cell Sites / FTTA**

Strip Malls / FTTB

Campuses

MADE IN THE USA

Charles®

CFIT-Flex™ Standard Product Features

The CFIT-Flex Standard enclosure is designed to be flexibly configured to the unique requirements of any fiber optic, copper or coaxial distribution point of up to 72 subscribers. Interchangeable and easily removable parts maintain the integrity of the enclosure's environmental protection features and ensure optimal cable routing. An optional 64 Fiber Hub (SC) configuration for two 1x32 splitter modules with 12 shuttered feed adapters is available.
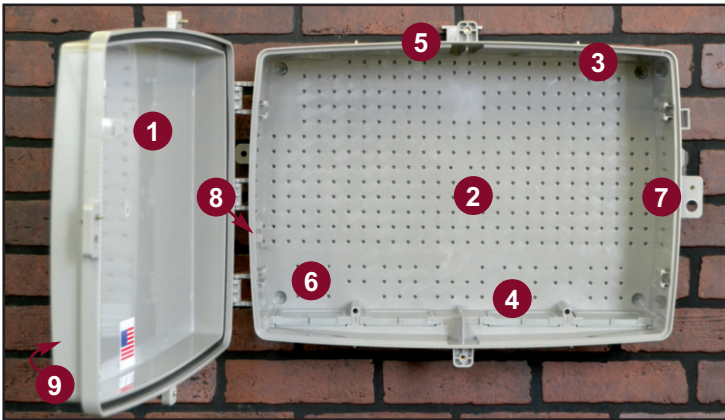
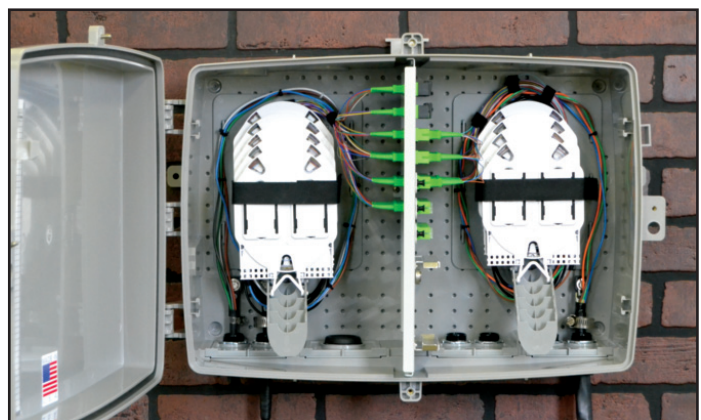**CFIT-Flex Standard Enclosure with Universal Backplane**

Interchangeable Cable Port Plates & Variable Entry Grommets
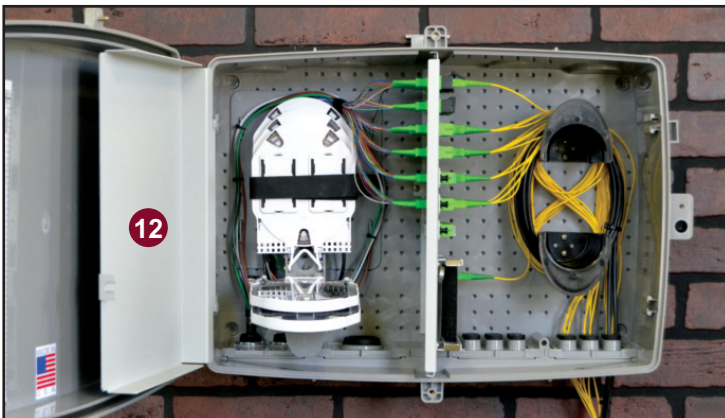
Up to 72 Fiber Distribution with Feed Splice Basket & Trays and Drop Cable Management; optional Security Door shown

1 Robust lightweight polycarbonate construction for indoor/outdoor use

2 Universal backplane provides ultimate flexibility to accommodate a broad range of applications

3 Four main top cable entry/exit drill-out ports

4 24 top and 12 bottom micro duct drill-out ports

5 Molded-in wall/pole mount brackets for bolting to wood, masonry, or drywall

6 Four internal corner drill-out holes for wall mounting or mating to other accessories

7 216-tool lockable door with three lock points and a padlock hasp for enhanced security

8 Provisioning for external ground(s)

9 Custom front label options available

10 Four internal snap hinge locations

11 Four interchangeable and removable bottom cable port plates with screw lock security feature

12 Optional inner security door

Product Specifications

|	
Dimensions:	16"H x 22"W x 8"D (42cm x 56cm x 20cm)
Construction:	Rugged UL94-5VA Gray Polycarbonate
Weight:	9 lbs. (4.08kg) empty enclosure only
Supported Fiber Connector Types:	SC, LC or MPO
Compliance:	Designed to meet GR-950, GR-2898, NEMA 4, IP66

64 Fiber Hub with Splitter Holder and Cable Management

Dual Side Splice Enclosure (up to 7 Small Trays per side)

CFIT-Flex™ Standard Interchangeable Port Plates

Each CFIT-Flex Standard 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.
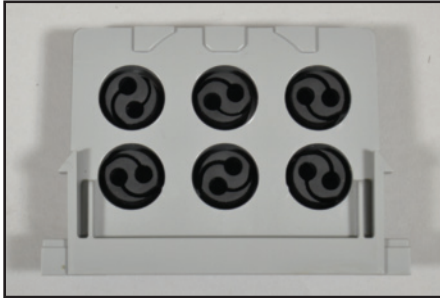
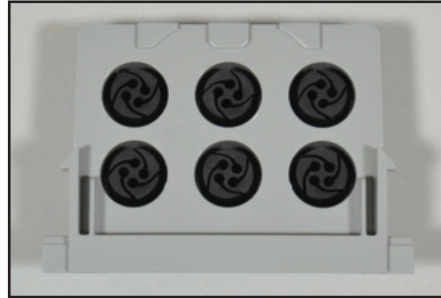Custom port plate configurations are available, please call for details.
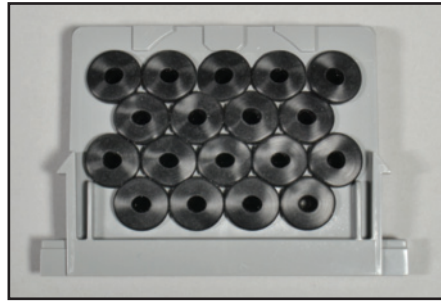
Eighteen (18) 5mm Grommets
#CFIT-FC-18G5P

Twelve (12) 5mm Grommets
#CFIT-FC-12G5P

Six (6) Dual 5mm Grommets
#CFIT-FC-62G5P

Six (6) Quad 2mm/3mm Grommets
#CFIT-FC-64G2P

Blank Face Plate
#CFIT-FC-BLNKP

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

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

One (1) 1.25" Grommet
#CFIT-FC-LSGRP

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

One (1) 1.00" Cordgrip
#CFIT-FC-MSCGP
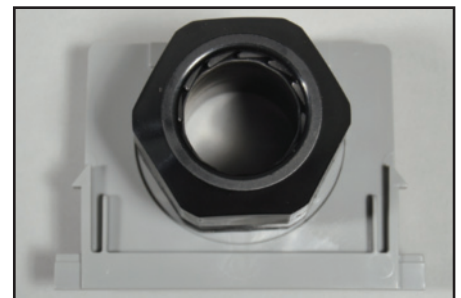
One (1) 1.25" Cordgrip
#CFIT-FC-LSCGP

Two (2) 0.75" Conduit Fittings
#CFIT-FC-SDCTP

One (1) 1.00" Conduit Fitting
#CFIT-FC-MSCTP

One (1) 1.25" Conduit Fitting
#CFIT-FC-LSCTP

CFIT-Flex™ Standard Ordering Information

Call (847) 806-6300 for custom configuration information.

(1) Ports Capacity	(2) Adapter /Connector Type	(3) Splice Baskets /Trays	(4) Port Plate #1/#2 (Left) Style	(5) Port Plate #3/#4 (Right) Style	(6) Options / Custom Configurations

CFIT - FS ☐☐ ☐ ☐ ☐ ☐ ☐☐

OPTION CODES *(See Below)*

Ports Capacity (1)

Code	Description
00	No Fiber Ports
06	6 Fiber Ports
08	8 Fiber Ports
12	12 Fiber Ports
16	16 Fiber Ports
24	24 Fiber Ports
36	36 Fiber Ports
48	48 Fiber Ports
64	64 Fiber Ports (Hub App)
72	72 Fiber Ports

Adapter/Connector Type (2)

Code	Description
A	SC / APC SIMPLEX
B	SC / UPC SIMPLEX
C	LC / APC DUPLEX
D	LC / UPC DUPLEX
E	LC MULTI-MODE DUPLEX
X	None

Splice Baskets/Trays (3)

Code	Description
0	None
1	(1) Std. Splice Basket Plate, (1) Small Hinged Splice Tray, (1) Cable Bracket
2	(1) Std. Splice Basket Plate, (2) Small Hinged Splice Trays, (1) Cable Bracket
3	(1) Std. Splice Basket Plate, (3) Small Hinged Splice Trays, (1) Cable Bracket
4	(1) Std. Splice Basket Plate, (4) Small Hinged Splice Trays, (2) Cable Brackets
5	(1) Std. Splice Basket Plate, (5) Small Hinged Splice Trays, (2) Cable Brackets
6	(1) Std. Splice Basket Plate, (6) Small Hinged Splice Trays, (2) Cable Brackets
7	(1) Std. Splice Basket Plate, (7) Small Hinged Splice Trays, (3) Cable Brackets
8	(2) Std. Splice Basket Plates, (4) Small Hinged Splice Trays, (2) Cable Brackets
9	(2) Std. Splice Basket Plates, (6) Small Hinged Splice Trays, (2) Cable Brackets
A	(2) Std. Splice Basket Plates, (8) Small Hinged Splice Trays, (2) Cable Brackets
B	(2) Std. Splice Basket Plates, (10) Small Hinged Splice Trays, (4) Cable Brackets
C	(2) Std. Splice Basket Plates, (12) Small Hinged Splice Trays, (4) Cable Brackets
D	(2) Std. Splice Basket Plates, (14) Small Hinged Splice Trays, (4) Cable Brackets

Port Plate Style (4)/(5)

Code	Description
A	Dual Small 0.75" Cordgrips
B	Single Medium 1.00" Cordgrip
C	Single Large 1.25" Cordgrip (up to 24 5mm dia. cables)
D	6 Quad Grommets (2mm/3mm dia. cables)
E	6 Dual Grommets (5mm dia. cables)
F	12 Grommets (5mm dia. cables)
H	18 Grommets (5mm dia. cables)
J	Blank Cover Plate
K	Dual Small 0.75" Grommets
L	Single Medium 1.00" Grommet
M	Single Large 1.25" Grommet
N	Dual Small 0.75" Conduit Fittings
P	Single Medium 1.00" Conduit Fitting
R	Single Large 1.25" Conduit Fitting
X	Custom Options - Refer to last two digits

OPTION CODES

INTERCONNECT OPTIONS

Code	Description
00	None
01	(1) Std. Bulkhead
02	(1) Std. Bulkhead, Ground Stud
03	(1) Std. Bulkhead, Dual Ground Studs
04	(1) Std. Bulkhead, (1) Inner Security Door
C0	(1) Std. Bulkhead, (2) Cable Mgmt. Spools
C1	(1) Std. Bulkhead, (2) Cable Mgmt. Spools, (1) Inner Security Door
C4	(1) Std. Bulkhead, (2) Cable Mgmt. Spools, 12 Fiber Loose Tube Fanout*
L1	(1) Std. Bulkhead, 12 Fiber Loose Tube Fanout*
L2	(1) Std. Bulkhead, 12 Fiber Loose Tube Fanout*, Ground Stud
L3	(1) Std. Bulkhead, 12 Fiber Loose Tube Fanout*, Dual Ground Studs
L4	(1) Std. Bulkhead, 12 Fiber Loose Tube Fanout*, Inner Security Door
R1	(1) Std. Bulkhead, 12 Fiber Ribbon Fanout*
R2	(1) Std. Bulkhead, 12 Fiber Ribbon Fanout*, Ground Stud
R3	(1) Std. Bulkhead, 12 Fiber Ribbon Fanout*, Dual Ground Studs
R4	(1) Std. Bulkhead, 12 Fiber Ribbon Fanout*, Inner Security Door

HUB OPTIONS

Code	Description
H0	(1) Std. Hub Bulkhead, (1) Splitter Holder, (1) Cable Mgmt. Bracket
H1	(1) Std. Hub Bulkhead, (1) Splitter Holder, (1) Cable Mgmt. Bracket, (1) Inner Security Door
H2	(1) Std. Hub Bulkhead, (1) Splitter Holder, (1) Cable Mgmt. Bracket, Ground Stud
H3	(1) Std. Hub Bulkhead, (1) Splitter Holder, (1) Cable Mgmt. Bracket, Dual Ground Studs

*Fanout quantity provided is equal to # of splice trays ordered.

INNOVATIVE ENCLOSED SOLUTIONS™

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D-OSP161-B16