

FODC-AS Fiber Optic Dome Closures

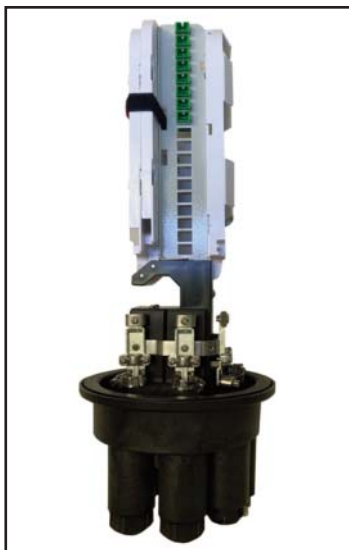
Dome Closures for FTTX Applications

Charles FODC-AS Fiber-Optic Dome Closures accommodate miniature splitters and provide a versatile solution for splicing and protecting outdoor fiber connections in a familiar dome form factor. These units can accommodate up to 48 single splices. In addition, the closures have an internal adapter frame for connectorized splitter pigtails. There are four branch ports which can accommodate a variety of multiport grommets to run drops. They can be deployed to support a variety of topologies including aerial strand, mid-pole mounting, and below grade placements in a vault or pedestal.



Product Features

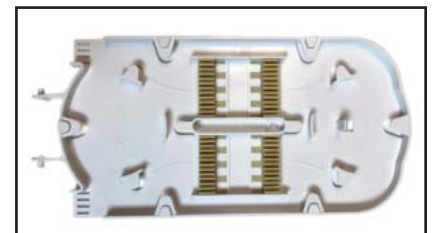
- Robust UV stabilized glass filled polypropylene housing
- Internal adapter panel can hold up to 18 SC adapters
- Compatible with PLC splitters or optical taps
- 36 or 48 single fusion splice capacity
- Compression grommet cable sealing
- All needed splice trays and grommets are included



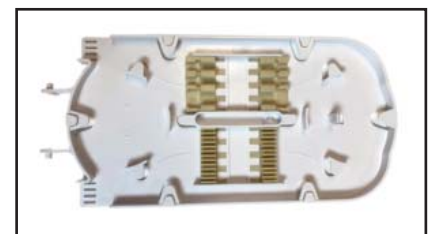
Integrated Fiber Adapter Panel



Dual Feed Port and 4 Branch Ports



Splice Tray



Splitter Tray

Product Specifications

Model

External Dimensions (L x OD x ID)

Weight

Splice Trays

Splice Capacity, Single Fusion

Feed Cable Port Accommodation

Four Branch Port Cable Entries

with grommet options

Cable Sealing

Splitters

Adapters

Environmental Rating

Mounting Kits

FODC-AS

18" x 8.9" x 7.5" (455 x 225 x 190mm)

9.2 lb. (4.2kg)

Two splice trays included (one splice tray, one splitter tray)

48 splices (36 if splitter is installed)

Each port can accommodate 0.315" – 0.669" (8 – 17 mm) cable or multiple smaller cables per port. See table page 2 for information on grommet options

Each port can accommodate 0.315" – 0.669" (8 – 17 mm) cable or multiple smaller cables per port. See table page 2 for information on grommet options

Compression grommet technology

Can accommodate one 1x16 or two 1x8/1x4 splitters

Internal panel can hold up to 18 SC adapters

IP68

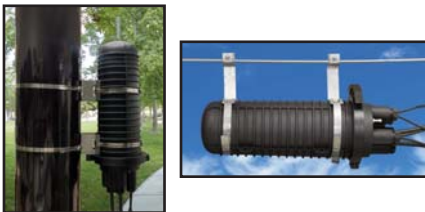
Optional pole or aerial mounting kits available

Ordering Information

Part Number	Description
FODCAS488SADF	FODC, 18" x 8.9" dual feeder port and 4 branch ports, adapter frame with 8 SC/APC, one 24 splice capacity tray, one splitter tray with 12 splice capacity, Grommets included for 8-14mm cable and multiport grommets for 5mm and flat drop cables
FODCAS488SA104F	FODC, 18" x 8.9", with dual feeder port and 4 branch ports, adapter frame with 8 SC/APC, one 24 splice tray and one splitter tray. Splitter tray includes 1x4 PLC splitter with 250um input stub and SC/APC 900um output pigtails. Grommets included for 8-14mm cable and multiport grommets for 5mm and flat drop cables
FODCAS488SA108F	FODC, 18" x 8.9", with dual feeder port and 4 branch ports, adapter frame with 8 SC/APC, one 24 splice tray and one splitter tray. Splitter tray includes 1x8 PLC splitter with 250um input stub and SC/APC 900um output pigtails. Grommets included for 8-14mm cable and multiport grommets for 5mm and flat drop cables
97-FODCPLKTA	Pole mounting kit for FODC-A and FODC-AS Series
97-FODCAMKT	Aerial mounting kit, FODC universal

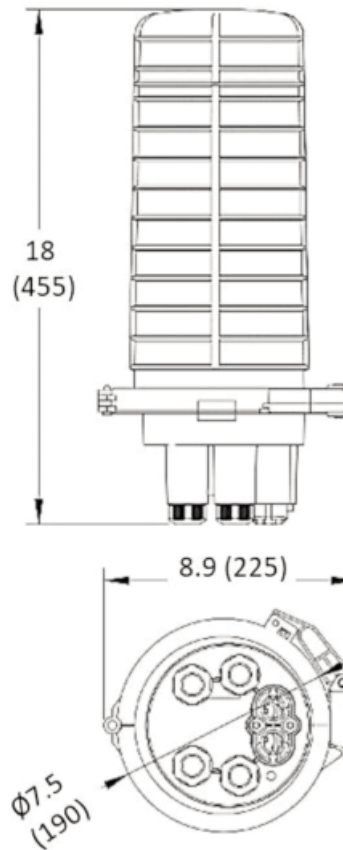
Please contact your Charles representative for addition configuration options

All FODC may be pole or aerial mounted with use of optional mounting kits



Dimensional Views

Dimensions given as: inches (millimeters)



Grommet Options

Branch Port Grommets		
Label	Size	View
A	13-17mm	
B	8-14mm	
C	4x 7mm	
D	4x 5mm	
E	9x 3mm	
F	2x 8x4mm	

Dependable Solutions, Superior Support

- Field-proven and unequalled 24-hour technical support
- Individualized application consultation
- Superior quality (ISO 9001/TL 9000 registered)

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


Charles Industries, LLC
An Amphenol Company

Voice: (847) 806-6300
Fax: (847) 806-6231
E-mail: mktserv@charlesindustries.com



INNOVATIVE ENCLOSED SOLUTIONS™



 Charles is a registered trademark of Charles Industries, LLC

D-OSP203-J20