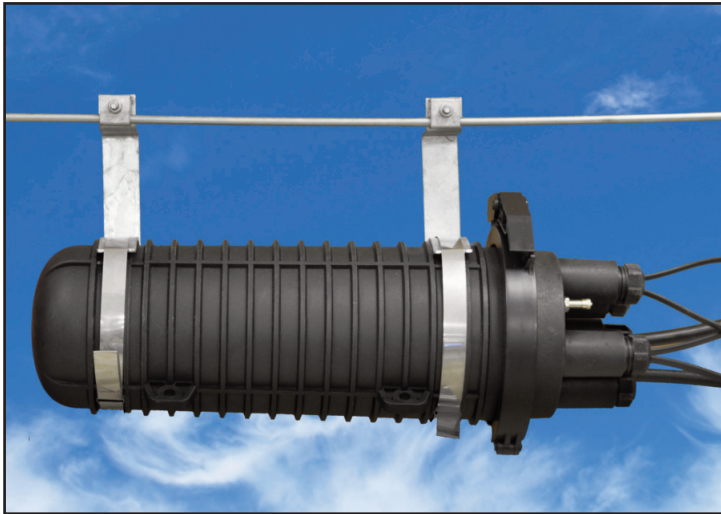


# Fiber Optic Dome Closures (FODC)

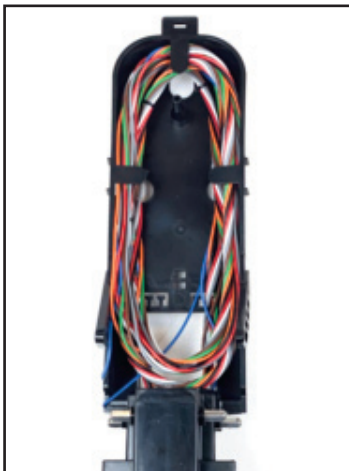
## Dome Closures for FTTX Applications

Charles Fiber Optic Dome Closures (FODC) provide a versatile solution for splicing and protecting outdoor fiber connections in a familiar dome form factor. FODC units can be deployed to support a variety of topologies including strand or pole mountings, as well as below grade vault placements. These closures use mechanical compression technology to provide an easy to use economical cable sealing solution. Charles offers two sizes of FODC that accommodate up to 144 (FODC-A) or 288 (FODC-B) single fusion fiber splices.

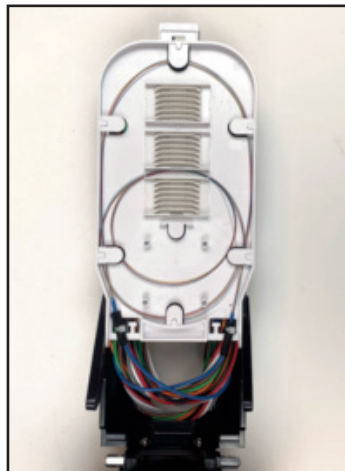


## Product Features

- Robust UV stabilized glass filled polypropylene housing
- Two sizes with 144 (FODC-A) or 288 (FODC-B) splice capacity
- Units can accommodate single fusion and ribbon fiber splicing
- Fiber splice trays and cable ingress/egress grommets are included
- Closures are aerial, pole, wall or below grade mountable for flexible placements
- Environmentally sealed and IP 68 rated for water submersion



**Fiber Basket expresses  
144 Fiber Cable**



**Splice Trays with fiber  
management & slack storage**

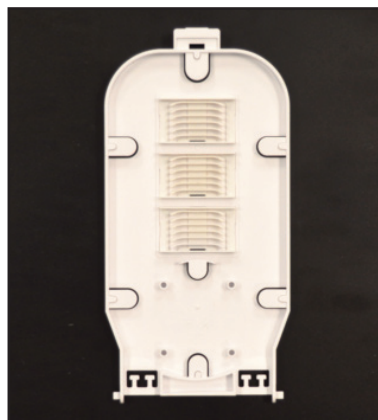
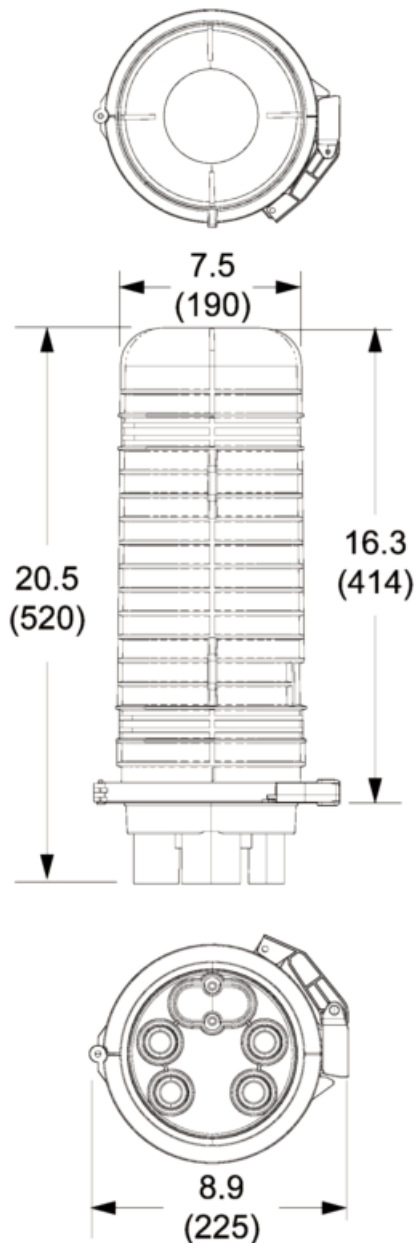


**Hinged Splice Trays have  
a lock-in place feature**

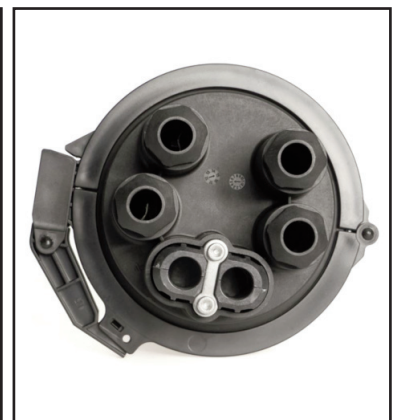
## FODC-A Product Specifications

Model	FODC-A
External Dimensions	20.5" x 8.9" (520 x 225 mm)
Weight	9.2 lbs. (4.2kg)
Ambient Temperature	-40°F to +149°F (-40°C to +65°C)
Splice Trays	Four (4) 36 Fiber Splice Trays included
Splice Capacity Single Fusion	144 Splices (double stacked)
Feed Cable Port Accommodation	0.315" – 0.689" O.D. (8 – 17.5 mm)
Four Branch Port Cable Entries	Each port can accommodate 0.315" – 0.669" (8 – 17 mm) cable or multiple smaller cables per port. See ordering information for grommet options
Mounting	Optional pole or aerial mounting kits available, sold separately

## FODC-A Dimensions



FODC-A Splice Tray

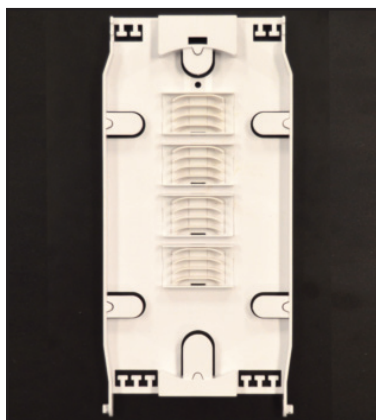
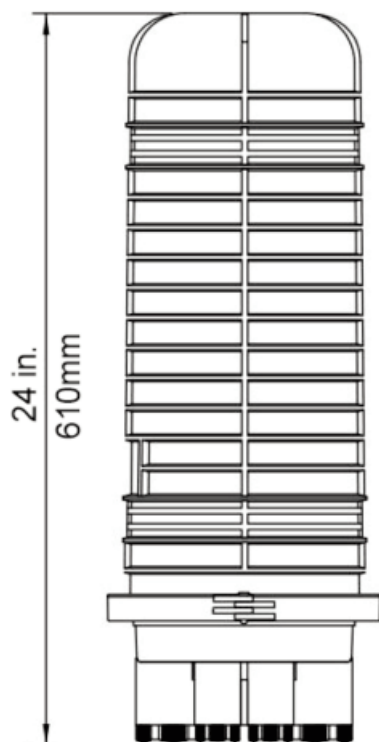
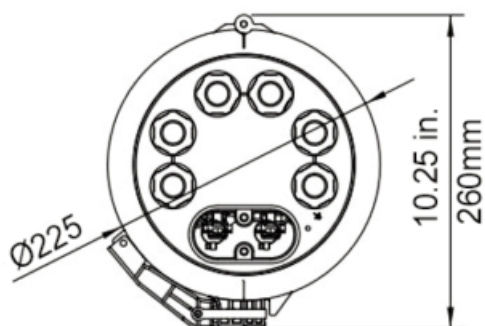


Base Cable Entries

## ***FODC-B Product Specifications***

Model	FODC-B
External Dimensions	23.6" x 10.2" (600 x 260 mm)
Weight	11 lbs. (5kg)
Ambient Temperature	-40°F to +149°F (-40°C to +65°C)
Splice Trays	Six (6) 48 Fiber Splice Trays included
Splice Capacity Single Fusion	288 Splices (triple stacked)
Feed Cable Port Accommodation	0.315" – 0.785" O.D. (8 – 20 mm)
Six Branch Port Cable Entries	Each port can accommodate 0.315" – 0.669" (8 – 17 mm) cable or multiple smaller cables per port. See ordering information for grommet options
Mounting	Optional pole or aerial mounting kits available, sold separately

## ***FODC-B Dimensions***

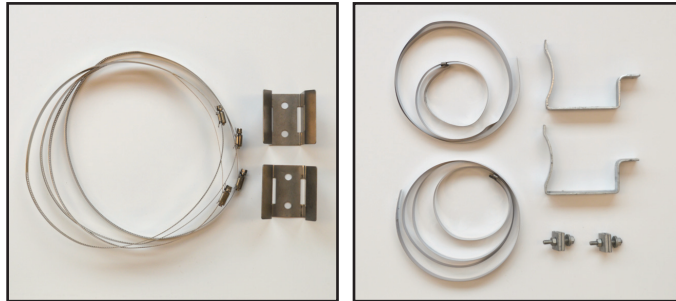


***FODC-B Splice Tray***

***Base Cable Entries***

# Ordering Information

Part Number	Description
FODCA144BBCEF	Fiber Optic Dome Closure, A size, four 36 fiber splice capacity trays, assorted grommet kit for common size cables, air valve
FODCB288BCDEF	Fiber Optic Dome Closure, B size, six 48 fiber splice capacity trays, assorted grommet kit for common size cables, air valve
97-FODCPLKTA	Pole mounting kit for FODC-A
97-FODCPLKTB	Pole mounting kit for FODC-B
97-FODCAMKT	Aerial mounting kit, universal



97-FODCPLKTA

97-FODCAMKT

**Please contact your Charles representative for addition configurations**

## 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	



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