Dome Closure for FTTX Applications

Amphenol Charles Industries' Fiber Optic Dome Closures are robust, versatile, and functional fiber splicing and storage solutions in a common form factor. The FODC-C/D closure has been updated to better support ribbon fiber cable. The closure can splice 1152 mass fusion in deep ribbon trays or 960 single fusion splices.

FODC-C/D utilizes easy to use cost effective compression grommet cable sealing technology. There is a dual feed port that can fit up to 25mm diameter cables. The 6 branch ports can fit up to 20.5mm diameter cables. The branch ports can also utilize smaller size branch or drop cables with optional multi-cable grommets. The closure features a large fiber storage basket.

There are two types of trays, a deep tray that can splice up to 24 12-fiber ribbons or 288 ribbon mass fusion splices. The tray includes a two layer splice holder to facitate improved fiber management in the tray. There is also a thin tray option that can splice up to 120 single fusion per tray.

MARKETS SERVED:

- ■ Telecom / FTTX
- ■ Utility
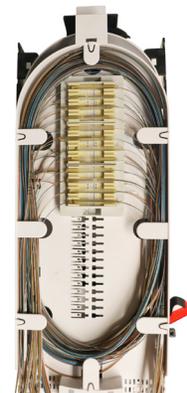- ■ Wireless
- ■ Broadband Cable

FODC-C2

FEATURES

- Robust glass filled polypropylene housing
- Common butt splice dome form factor can be deployed aerially, on a pole, in a multipurpose pedestal, or in a vault
- Integrated O-ring for ease of use
- Cost effective reliable compression grommet sealing technology
- Comes standard with individual ground studs for each cable
- Can accommodate up to 960 single fusion and 1,152 mass fusion splices
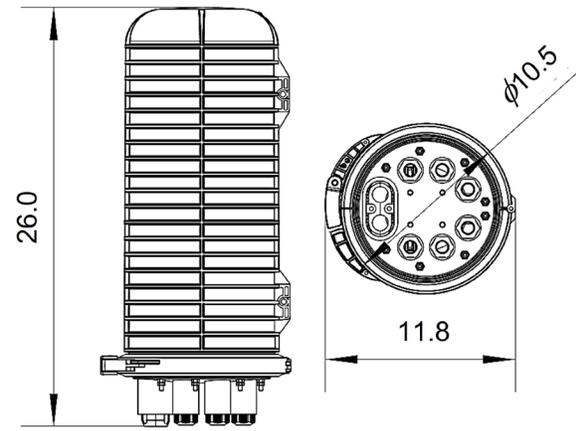- IP68 rated for below grade deployments

FODC-C2 Ports

Deep Ribbon Tray

D-OSP237-C26

charlesindustries.com

FODC-C/D Product Specifications & Outline Dimension

Material	Glass-filled Polypropylene
Dimensions	26" x Ø 10.5" (Ø 11.8" with clamp)
Weight	Approximately 14 lbs. (without cable)
Cable Port sizes	Oval dual feed port: 8 - 25mm (.315" - 0.98") 6 branch ports: 8 - 20.5mm (0.315" -0.80")
Splice trays	Up to 4 288 mass fusion splice ribbon trays Up to 8 120 single fusion splice trays
Temperature range	-40F to + 149F (-40C to +65C)
Rating	IP68
Mounting deployment	Aerial strand, pole, pedestal, or hand-hole/vault

Ordering Information

Part Number	Description	Order Qty
FODCC2RB	FODC-C2 Oval port & 6 branch ports, no tray	18 (pallet)
FODCC2RB1T	FODC-C2 Oval port & 6 branch ports, 1 deep 288-splice ribbon tray	18 (pallet)
FODCC2RB2T	FODC-C2 Oval port & 6 branch ports, 2 deep 288-splice ribbon trays	18 (pallet)
FODCC2RB3T	FODC-C2 Oval port & 6 branch ports, 3 deep 288-splice ribbon trays	18 (pallet)
FODCC2LT1T	FODC-C2 Oval port & 6 branch ports, 4 deep 288-splice ribbon trays	18 (pallet)
97-FODCC2RBTRY	FODC-C2 deep ribbon tray kit with 24 ribbon splice sleeves	36 (carton)
97-FODCC2SFTRY	FODC-C2, 120 single splice tray kit with 120 single fusion splice sleeves	72 (carton)
97-FODCAMKT	FODC aerial strand mounting kit	20 (carton)
97-FODCCPLKT	FODC-C pole mounting kit	20 (carton)
97-FODCAGR	Grommet kit, 1-hole 14-18mm, kit of 10	10 kits
97-FODCBGR	Grommet kit, 2-hole, 8 -14mm, kit of 10	10 kits
97-FODCCGR	Grommet kit, 4-hole 5-7mm, kit of 10	10 kits
97-FODCDGR	Grommet kit, 4-hole 4-5mm, kit of 10	10 kits
97-FODCEGR	Grommet kit 9-hole, 3mm, kit of 10	10 kits
97-FODCFLGR	Grommet kit, 2-hole 8x4mm flat, kit of 10	10 kits
97-FODCHGR	Grommet kit, 2-hole, 6-8mm, kit of 10	10 kits
97-FODCJGR	Grommet kit, 1-hole, 18 – 20.5mm, kit of 10	10 kits