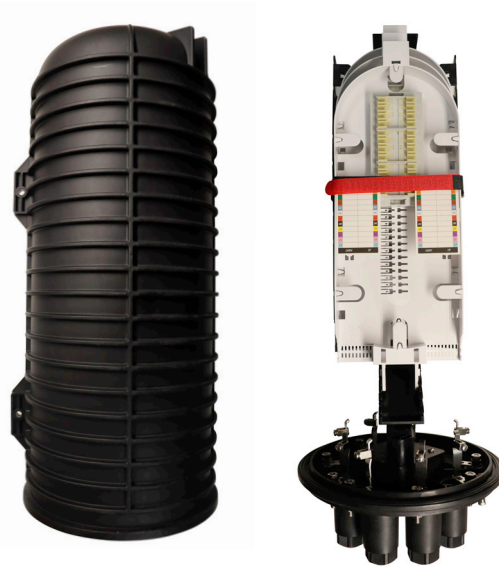## Dome Closure for FTTX Applications

Amphenol Charles Industries' Fiber Optic Dome Closures are robust, versatile, and functional fiber splicing and storage solutions in a common form factor. The FODC-C2 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 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.
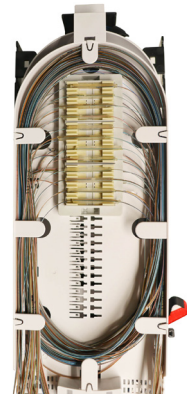

FODC-C2

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
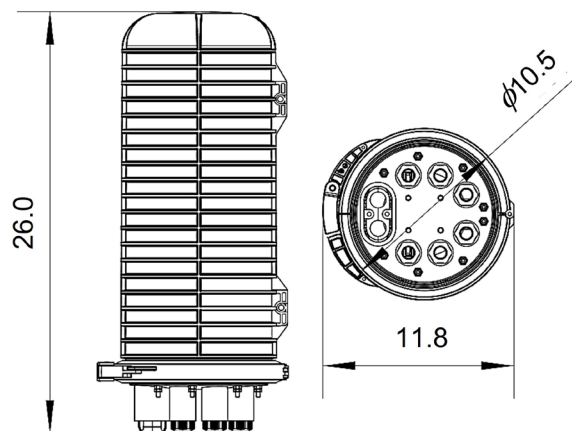- IP68 rated for below grade deployments

MARKETS SERVED:

- Telecom / FTTX
- Utility
- Wireless
- Broadband Cable

FODC-C2 Ports

Deep Ribbon Tray

FODC-C2 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	Qty.
FODCC2RB	FODC-C 2nd Gen, Oval port & 6 branch ports, no tray	24 (pallet)
FODCC2RB1T	FODC-C 2nd Gen, Oval port & 6 branch ports, 1 deep 288-splice ribbon tray	24 (pallet)
FODCC2RB2T	FODC-C 2nd Gen, Oval port & 6 branch ports, 2 deep 288-splice ribbon trays	24 (pallet)
FODCC2RB3T	FODC-C 2nd Gen, Oval port & 6 branch ports, 3 deep 288-splice ribbon trays	24 (pallet)
FODCC2LT1T	FODC-C 2nd Gen, Oval port & 6 branch ports, 4 deep 288-splice ribbon trays	24 (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

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