# 691396-000   |   FIST-GCO2-BD6-GN

## FIST® GCO2 Fiber Optic Splice Closure, Heat Shrink or Gold Gel Cable sealing, size BD, no pre-installed fiber trays, 6 round ports + 1 oval port

- Single-ended, O-ring sealed dome closure for splicing feeder and distribution cables
- Compatible with most common cable types: e.g. loose tube, central core, ribbon fiber
- Universal mounting system (UMS) profiles provide foundation for mounting combinations of FIST splice trays
- Closure can be used in aerial, pedestal and underground (up to 5 meters) environments
- Compatible with CommScope's CWDM modules and optical splitter trays

## Product Classification

| | |
|---|---|
| **Regional Availability** | EMEA |
| **Product Type** | Single-ended, round fiber closure |
| **Product Brand** | FIST® |
| **Product Series** | FIST-GCO2 |

## General Specifications

| | |
|---|---|
| **Cable Entry Drop Port Style** | Round |
| **Cable Entry Main Port Style** | Oval |
| **Cable Ports Quantity, total** | 1 oval port (2 cables) + 6 round ports |
| **Cable Sealing Type** | Gel kit (optional)   \|   Heat shrink |
| **Closure Sealing Type** | Dome-to-base clamp with O-ring |
| **Closure Style** | Single-ended |
| **Color** | Black |
| **Flash Test Valve** | None |
| **Ground Feed-through** | Included |
| **Mounting** | Pole   \|   Strand   \|   Wall |
| **Network Area Type** | Distribution |
| **Splice Tray Included, quantity** | 0 |
| **Splice Tray Type Included** | No trays |
| **Splicing Capacity, Mass Fusion, maximum** | 1440 |
| **Splicing Capacity, Single Fusion, maximum** | 960 |
| **Splicing Type, Supported** | Mass fusion   \|   Single fusion |

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## Dimensions

| | |
|---|---|
| **Length** | 566 mm  \|  22.283 in |
| **Cable Entry Drop Port Diameter** | 30 mm (1.18 in) mm |
| **Diameter** | 247 mm  \|  9.724 in |
| **Diameter, with clamp** | 285 mm  \|  11.22 in |
| **Main Cable Diameter, maximum** | 25 mm  \|  0.984 in |

## Dimension Drawing



Dome    Splice Trays    Clamp    Base    Base Ports

| | FIST-GCO2-BC | FIST-GCO2-BD | FIST-GCO2-BE | FIST-GCO2-BF |
|---|---|---|---|---|
| **Length L** | 488 mm/19.213 in | 566 mm/22.283 in | 680 mm/26.772 in | 795 mm/31.30 in |
| **Width D at base** | 247 mm/9.724 in | 247 mm/9.724 in | 247 mm/9.724 in | 247 mm/9.724 in |
| **Width D at base with clamp** | 285 mm/11.22 in | 285 mm/11.22 in | 285 mm/11.22 in | 285 mm/11.22 in |

## Port Configuration

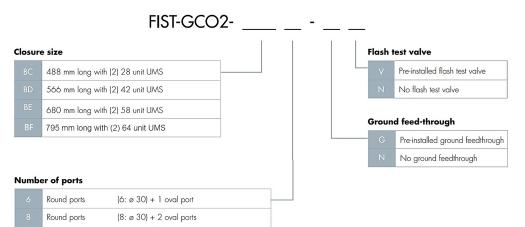| | Cables per port | Cable Diameter, min | Cable Diameter, max |
|---|---|---|---|
| **1 Oval Port** | 2 | 12 mm / 0.472 in | 25 mm / 0.984 in |
| **6 Round Ports** | 1 | 5 mm / 0.197 in | 30 mm / 1.181 in |

## Splicing Configuration

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|  | FIST-GCO2-B**C** | FIST-GCO2-B**D** | FIST-GCO2-B**E** | FIST-GCO2-B**F** |
|---|---|---|---|---|
| **UMS Units** | 2x28 | 2x42 | 2x58 | 2x64 |
| **# SC/SLE 4mm trays** | 56 | 80 | 112 | 128 |
| **# SE 8mm trays** | 28 | 40 | 56 | 64 |
| **# R12 12mm Flat ribbon trays** | 18 | 26 | 36 | 42 |
| **Max single splice capacity SC trays (4F/tray)** | 224 | 320 | 448 | 512 |
| **Max single splice capacity SE trays (12F/SE)** | 336 | 480 | 672 | 768 |
| **Max single splice capacity High dense tray (12F/SLE)** | 672 | 960 | 1344 | 1536 |
| **Max mass splice capacity R12 trays (Flat ribbon)** | 432 | 624 | 864 | 1008 |
| **Max mass splice capacity SE trays (Rollable ribbon G657A2 fiber)** | 1008 | 1440 | 1728 | 1728 |

## Ordering Tree

FIST-GCO2- \_\_\_ \_\_ - \_\_ \_\_

**Closure size**

| BC | 488 mm long with (2) 28 unit UMS |
|---|---|
| BD | 566 mm long with (2) 42 unit UMS |
| BE | 680 mm long with (2) 58 unit UMS |
| BF | 795 mm long with (2) 64 unit UMS |

**Flash test valve**

| V | Pre-installed flash test valve |
|---|---|
| N | No flash test valve |

**Ground feed-through**

| G | Pre-installed ground feedthrough |
|---|---|
| N | No ground feedthrough |

**Number of ports**

| 6 | Round ports | (6: ø 30) + 1 oval port |
|---|---|---|
| 8 | Round ports | (8: ø 30) + 2 oval ports |
| 16 | Round ports | (8 : ø 20) + 1 oval port (8 : ø 13.5) |

## Material Specifications

**Material Type**                     Impact-resistant polymer

## Environmental Specifications

**Environmental Space**               Below ground   |   Buried

**Qualification Standards**           IEC 61300, 5 m waterhead

## Packaging and Weights

**Packaging quantity**                1

**Packaging Type**                    Box   |   Carton

**Weight, net**                       4.4 kg   |   9.7 lb

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## Regulatory Compliance/Certifications

| Agency | Classification |
| --- | --- |
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

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