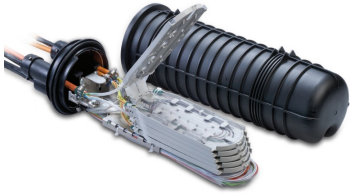


FOSC-400G



FOSC® 400G Fiber Optic Splice Closure with Multi-out Gel Seals

The FOSC-400G is a single-ended, environmentally sealed enclosure for fiber management in the outside plant network. FOSC-400G closures have the same splice capacity as FOSC-400 closures and feature the same reliable and easy to use dome-to-base clamping system. The major difference between the closures is that the FOSC-400G's cable sealing terminations are done by using multi-out gel-sealing technology instead of heat shrink. This allows up to 16 cables to be sealed in a single round port. It is easy to remove cables, and gel seals are completely re-usable.

Key features for the FOSC-400G closures:

- Single-ended design
- Available in 4 sizes
- Base and dome sealed with clamp and O-ring system
- 2 or 5 round cable ports
- Oval seals ordered separately
- FOSC splice trays hinged for access to any splice without disturbing other trays
- Compatible with most common cable types: e.g. loose tube, central core, slotted core, ribbon fiber
- Uncut or expressed loose tubes can be stored in storage baskets
- Closure can be used in aerial, pedestal and underground (up to 2 meters waterhead) environments

Product Classification

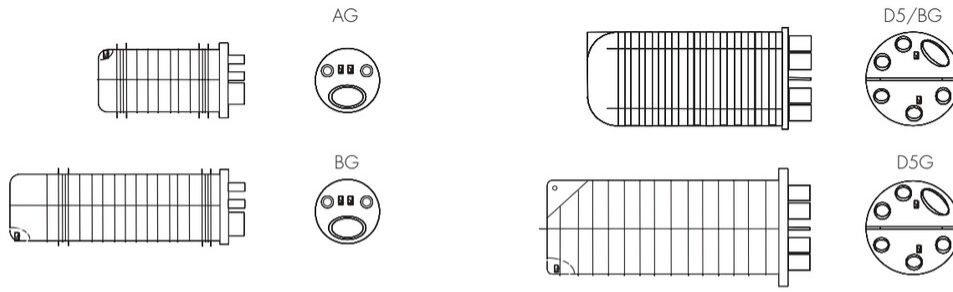
| | |
|------------------------------|-----------------------------------|
| Regional Availability | Asia EMEA |
| Product Type | Single-ended, round fiber closure |
| Product Brand | FOSC® |
| Product Series | FOSC 400G |

General Specifications

| | |
|------------------------------------|--------------------------------|
| Cable Entry Drop Port Style | Round |
| Closure Sealing Type | Dome-to-base clamp with O-ring |
| Closure Style | Single-ended |
| Color | Black |
| Mounting | Pole Strand Wall |
| Network Area Type | Feeder |
| Splicing Type, Supported | Single fusion |

Dimension Drawing

FOSC-400G



| | AG | BG | D5/BG | D5G |
|--------------------------|-----|-----|-------|-----|
| Closure dimensions in mm | | | | |
| Length | 420 | 540 | 505 | 710 |
| Ø (without clamp) | 183 | 183 | 247 | 247 |
| Ø (including clamp) | 205 | 205 | 285 | 285 |

Port Configuration

| | | | | | | |
|-------------|------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Oval ports | 2 cables/port | | | | | |
| Minimum Ø | 2x5mm | | | | | |
| Maximum Ø | 2x15mm | | | | | |
| Round ports | 1 cable/ port | 2 cables/ port | 3 cables/ port | 4 cables/ port | 8 cables/ port | 16 cables/ port |
| Minimum Ø | 1x11mm | 2x8mm | 3x6.5mm | 4x4mm | 8x3mm | 16x0mm |
| Maximum Ø | 1x14mm | 2x11mm | 3x8mm | 4x7mm | 8x5mm | 16x3mm |

Splicing Configuration

| | AG | BG | D5/BG | D5G |
|--|----------------------|----------------------|----------------------|---------------------|
| Type of splice tray | A 10-11.5mm thick | A 10-11.5mm thick | A 10-11.5mm thick | D 13 mm thick |
| Number of trays without storage basket | N/A | N/A | 12 | 8 |
| Number of trays with storage basket | 2 | 6 | N/A | 6 |
| Splice capacity | Fibers | Fibers | Fibers | Fibers |
| Single element splicing | 48 | 144 | 288 | 768 |
| Ribbon fiber splicing (12-fiber) | - | - | - | 1152 ^(a) |

^(a) Uses 4 FOSC D ribbon trays (288 splices/tray)

Ordering Tree

FOSC-400G

FOSC-400 X - X - X - X X

Closure size

| | |
|-------|-----------------------|
| AG | 420mm - 2 round ports |
| BG | 540mm - 2 round ports |
| D5G | 710mm - 5 round ports |
| D5/BG | 505mm - 5 round ports |

Tray type

| NT | No trays | | |
|---|---|------------------|-----|
| Splices in splice protectors at tray exterior | | | |
| | | AG, BG, D5/BG | D5G |
| S08 | 8 SMOUV splice protectors (45mm) | X | |
| S24 | 24 SMOUV splice protectors (45mm) | X | |
| A24 | 24 ANT splice protectors | X | |
| 4R4 | 4 splice protectors for ribbon cable with 4 fibers | X | |
| 2R12 | 2 splice protectors for ribbon cable with 12 fibers | | X |
| Splices stored in modules at tray interior | | | |
| | | AG, BG, D5/BG | D5G |
| 12 | 12 splice protectors (2 modules, 6 splices/module) | X | |
| 24 | 24 splice protectors (2 modules, 12 splices/module) | X | |
| 36 | 36 splice protectors (6 modules, 6 splices/module) | | X |
| S96 | 96 SMOUV splice protectors (45mm) | | X |
| L96 | 96 SMOUV splice protectors (60mm) | | X |
| A96 | 96 ANT splice protectors | | X |
| RT24 | 24 splices for ribbon cable with 12 fibers (4 modules, 6 splices/module) | | X |

Flash test valve

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

Ground feedthrough

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

Number of splice trays

| 0 | No trays |
|--------------|----------|
| Closure size | |
| 1...2 | AG |
| 1...6 | BG |
| 1...12 | D5/BG |
| 1...8 | D5G |

Material Specifications

Material Type Impact-resistant polymer

Environmental Specifications

Environmental Space Below ground | Buried

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

Designed, manufactured and/or distributed under this quality management system

