



## FOSC-450

### Fiber Optic Gel Closure with Wrap-Around Seal

The FOSC-450 is a single-ended, environmentally sealed enclosure for fiber management in the outside plant network.

FOSC-450 gel splice 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-450's cable sealing terminations use gel-sealing technology instead of heat shrink. The FOSC-450 features a single wrap-around gel seal with four or six cable ports. The single seal slides easily into the closure's base for rapid, secure installation. Gel-seal cable terminations automatically adjust to cable size and shape, and require no special tools or accessories to install. It is easy to remove cables, and gel seal is completely re-usable.

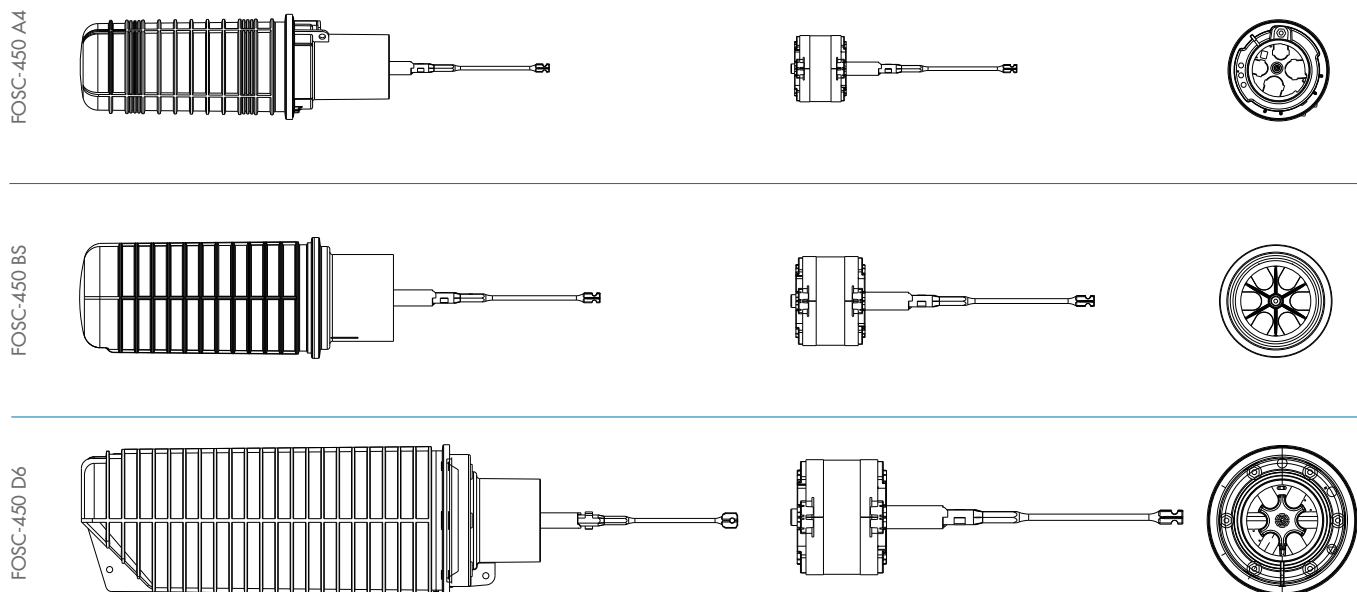
### Features

- Single-ended design
- Available in 3 sizes
- Base and dome sealed with clamp and O-ring system
- 4 or 6 round cable ports provided in a wrap-around block with pre-installed gel profile for cable sealing. This block can be opened and closed repeatedly without removing or replacing the gel. With the use of special kits, multiple cables per port can be installed
- FOSC splice trays hinged for access to any splice without disturbing fibers in 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 5 meters waterhead) environments

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### Dimensions and Capacities



|                                    | A4  | BS  | D6  |
|------------------------------------|-----|-----|-----|
| Closure dimensions in mm           |     |     |     |
| Length (without gel block trigger) | 485 | 490 | 753 |
| Ø (including cable clamp)          | 205 | 232 | 291 |

| Cable ports  | A                         |       | A                    |       | D               |       |
|--|---------------------------|-------|----------------------|-------|-----------------|-------|
| Number of round cable ports                          | 4                         |       | 6                    |       | 6               |       |
| Cable port capacity <sup>1</sup> (Minimum-maximum Ø) | 8-22mm (x2), 10-28mm (x2) |       | 9-25mm               |       | 9-25mm          |       |
| Type of splice tray                                  | A<br>10-11.5mm thick      |       | A<br>10-11.5mm thick |       | D<br>13mm thick |       |
| Splice capacity                                      | Fibers                    | Trays | Fibers               | Trays | Fibers          | Trays |
| Single element splicing                              | 96                        | 4     | 144                  | 6     | 768             | 8     |
| Ribbon fiber splicing (12-fiber)                     | -                         | -     | -                    | -     | 1152            | 8     |

<sup>1</sup> With the use of special kits, multiple cables per port can be installed.

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## Fiber Optic Gel Closure with Wrap-Around Seal

### Ordering Information

FOSC - 450 X - X - X - X - X - X X

#### Closure size

|    |                       |
|----|-----------------------|
| A4 | 485mm - 4 round ports |
| BS | 490mm - 6 round ports |
| D6 | 753mm - 6 round ports |

#### Number of cable attachments

|   |                            |
|---|----------------------------|
| 2 | Used for all closure sizes |
| 4 | A closures only            |
| 6 | BS and D6 closures only    |

#### Tray type

|  |  |        |    |
|--|--|--------|----|
| NT   | No Trays   |        |    |
| <i>Splices in splice protectors at tray exterior</i> |  |        |    |
|  |  | A4     | A8 |
| S24  | 24 SMOUV splice protectors (45mm)  | X      |    |
| A24  | 24 ANT splice protectors   | X      |    |
| 4R4  | 4 splice protectors for ribbon cable with 4 fibers                       | X      |    |
| <i>Splices stored in modules at tray interior</i>    |  |        |    |
|  |  | A4, BS | D6 |
| 12   | 12 SMOUV splice protectors (2 modules, 6 splices/module)                 | X      |    |
| 24   | 24 SMOUV splice protectors (2 modules, 12 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            |

#### Number of ground feedthrough lugs

|   |   |
|---|---|
| N | No ground feedthrough                             |
| G | 1 ground feedthrough (for A and D6 closures only) |
| 3 | 3 ground feedthrough lugs (for D6 closures only)  |
| 6 | 6 ground feedthrough lugs (for D6 closures only)  |

#### Basket type

|   |                                   |
|---|-----------------------------------|
| N | None (for A and D6 closures only) |
| B | Basket for A and BS closures      |
| D | Basket for D6 closures            |
| T | Tall basket for A and D6 closures |

#### Number of pre-installed trays




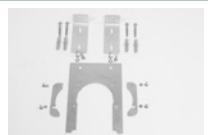





|                     |                 |
|---------------------|-----------------|
| 0                   | No trays        |
| <i>Closure size</i> |                 |
| 1...2               | A4              |
| 1...6               | BS              |
| 1...8               | D6 <sup>1</sup> |

<sup>1</sup> If 7 or 8 trays are required, a storage basket cannot be used,

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### Accessories

| Description  | Closure | Ordering Number      |   |
|--|---------|----------------------|---|
| Multiple cable attachment device and seal for up to 4 cables/<br>port, cable diameter: 4 to 7 mm | All     | FOSC-450-MULTI4/7    |    |
| Cable attachment device for loose tube and central core cables                                   | All     |                      |    |
| 1 piece  |         | FOSC-450-CA-S-1      |   |
| 10 pieces  |         | FOSC-450-CA-S-10     |   |
| <b>Mounting</b>  |         |                      |   |
| Wall mounting  | A/B     | FOSC-A/B-UNI-MOUNTW  |    |
| Vertical mounting in manhole/handhole  | A/B     | FOSC-A/B-MOBRA       |    |
| Pole or wall mounting  | D       | FOSC-450D-POLE-MOUNT |   |
| Pole mounting  | A/B     | FOSC-A/B-UNI-MOUNTP  |  |
| Pole mounting (plastic materials)  | A/B     | FOSC-A/B-POLE-MOUNT  |  |
| Aerial mounting  | A/B     | FOSC-A/B-UNI-MOUNT-A |  |
| Work stand   | All     | FOSC-WORK-STAND      |  |

For more technical options and order quantity information, please consult the product ordering guide or your local sales representative.



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