

## Fiber Optic Gel Closure

### TELECOM OUTSIDE PLANT

The industry leading FOSC 400 family of fiber optic splice closures is now available with gel seal technology for cable terminations.

This new product line will be known as the FOSC 450 family, can be used in any environment (aerial, pedestal, buried, underground) and for numerous splice applications (expressed, tap-off, branch and repair).

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 big difference with FOSC 450 gel closures is that the cable sealing terminations use gel-sealing technology instead of heat shrink. Gel seal cable terminations automatically adjust to cable size and shape, and they require no special tools, tapes or mastics to install. It is also easy to remove cables, and gel seals are completely re-usable.

FOSC 450 has the following functions and features

- Single-ended design
- Available in three sizes (BS, B and D)
- Base and dome are sealed with a clamp and O-ring system
- 6 round cable ports are provided in a wrap-around block with pre-installed gel profile for cable sealing. This block can be opened and closed repeatedly without the need to remove or replace the gel. With the use of special kits, multiple cables per port can be installed.
- FOSC splice trays are 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

See FOSC 500 and 600 closures data sheets for information on in-line fiber optic splicing closures with gel seal technology.



FOSC-450

# FOSC-450

## Dimensions and capacities

Closure Size	BS	B6	D6
<b>Dimensions (in mm)</b>			
Diameter (incl. clamp)	230	245	290
Length (without gel block trigger)	420	540	755
<b>Splice Capacity (in # of fibers) *</b>			
Number of splice trays	6 A trays	6 B trays	8 D trays
Single fiber	144	144	768
Ribbon 12			1152
<b>Cable ports **</b>			
6 round ports for 1 cable each with ø range	9 to 25 mm	9 to 25 mm	9 to 25 mm

- \* Indicated capacities refer to the maximum number of trays/splices that initially can be stored in a closure if no slack storage baskets are used.
- \*\* With the use of special kits, multiple cables per port can be installed.

## Ordering information

**FOSC-450** **XX** - **X** - **XXX** - **X** - **X** - **XX**

### Closure size

- BS** 485 mm - 6 round ports
- B6** 625 mm - 6 round ports
- D6** 755 mm - 6 round ports

### # Cable attachments

- 2** 2 cable attachments included
- 6** 6 cable attachments included

### Type of splicing trays

NT If no trays need to be included

Closure size	Tray Options	
	Splices at tray edges	Splices in modules
BS	S08, S16, S24 A24	12, 16, 24
B6	S12, S24 A24	12, 16, 24
D6		36, 48, 72, A72, S96, L96, A96 RT

### Valve for flash testing

- V** Valve
- N** No valve

### # Ground feedthrough lugs

- N** No grounding
- G** 1 ground feed-through (N/A for BS)
- 3** 3 ground feed-through lugs (N/A for BS)
- 6** 6 ground feed-through lugs (N/A for BS and B6)

### Basket type

- N** None (N/A for BS-size)
- B** Basket for BS- and B6-size
- D** Basket for D6-size
- T** Tall basket for D6-size

### # Pre-installed trays

- 0-1 ... or 6** For BS and B6 closures
- 0-1 ... or 8** For D6 closures (1)

(1) If 7 or 8 trays are required, a storage basket can not be used

## Consumables and accessories

See FOSC 450 ordering guide for more information.

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