FOSC-400

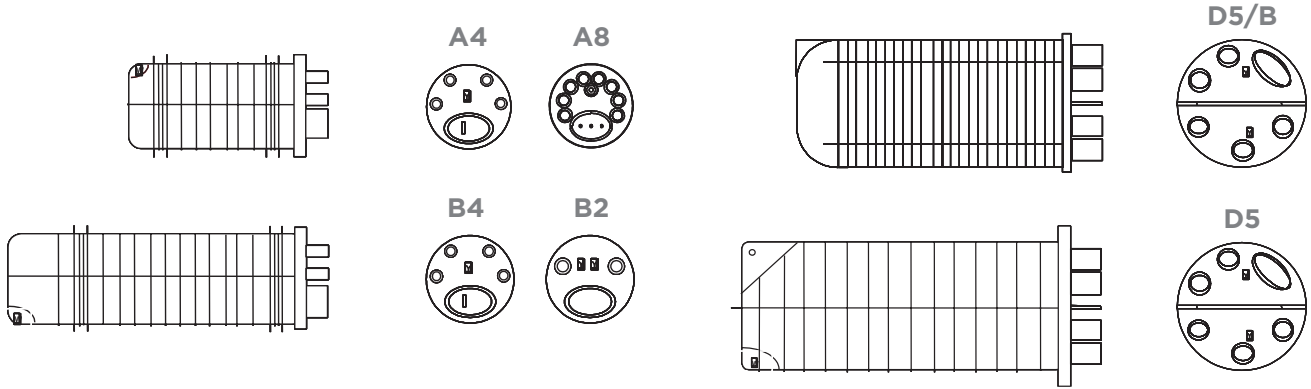## Fiber Optic Closure

The FOSC-400 closure is a single-ended, environmentally sealed enclosure for fiber management in the outside plant network.

FEATURES

- Single-ended design

- Available in 4 sizes

- Base and dome sealed with a clamp and O-ring system

- Feature 2, 4, 5 or 8 round cable ports and 1 oval port are provided

- Standard FOSC-400 kit includes oval seal

- 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 5 meters waterhead) environments

TE connectivity

DIMENSIONS AND CAPACITIES

A4   **A8**   **D5/B**

B4   **B2**   **D5**

	A4	A8	B4	B2	D5/B	D5
Closure dimensions in mm						
Total closure length	420	410	540	540	505	710
Closure outer diameter	183	183	183	183	267	267
including clamp	205	205	205	205	290	290
Capacities	A4	A8	B4	B2	D5/B	D5
FOSC tray capacity						
Number of FOSC trays (no storage basket)	2/3	4/8 [b]	4/6 [c]	4/6	12	8
Number of FOSC trays (with storage basket)	1	4/8 [b]	4	4	N.A.	6/4 [d]
Splicing capacity						
Single fiber	48/72	96/48	96/144	96/144	288	768
Ribbon 12	-	-	-	-	-	1152
Cable ports						
1 oval port for 2 cables each with ø range	10-25mm	10-25mm	10-25mm	10-25mm	10-25mm	10-25mm
Number of round ports	4	8	4	2	5	5
Cable ø range of round ports	5-19mm	5-10mm	5-19mm	5-28mm	5-28mm	5-28mm

[a] Tray capacity is based on 45 mm fusion splice protectors (such as SMOUV-1120-02).

[b] A8 closure capacity is 4 standard A trays or 8 slim trays; can be configured to accept a mixture of standard A and slim trays.

[c] B4 closure can initially be fitted with 6 trays. The loose tube storage capacity is very limited in this case (a few tubes can be stored in a plastic bag, consult your local sales representative for more information). It is not possible to add a 5th and 6th tray into a previously installed standard 'B' closure. The B closure can be ordered with up to 5 trays pre-installed and capacity for later addition of a 6th tray (FOSC-400B4-XX-X//6...)

[d] 6 trays are used with a standard D basket, 4 trays are used with a tall basket (see the FOSC tray ordering guide for information on basket sizes).

FOSC-400
Fiber Optic Closure

ORDERING INFORMATION

Ordering Number

FOSC-400 __ - __ - __ - __ __ __

Closure size

A4	420mm - 4 round ports
B4	540mm - 4 round ports
D5	710mm - 5 round ports
A8	410mm - 8 round ports [a]
AS	420mm - 4 round ports
B2	540mm - 2 round ports
D5/B	505mm - 5 round ports

Tray type

NT	No trays				
	Splices in splice protectors at tray exterior				
		A4	A8	B2, B4 D5/B	D5
S12	12 SMOUV splice protectors (45mm)			X	
S24	24 SMOUV splice protectors (45mm)	X	X	X	
A24	24 ANT splice protectors	X	X	X	
4R4	4 splice protectors for ribbon cable with 4 fibers	X	X		
6R4	6 splice protectors for ribbon cable with 4 fibers			X	
	Splices stored in modules at tray interior				
		A4	A8	B2, B4 D5/B	D5
12	12 splice protectors (2 modules, 6 splices/module)	X	X	X	
24	24 splice protectors (2 modules, 12 splices/module)	X	X	X	
36	36 splice protectors (6 modules, 6 splices/module)				X
S96	96 SMOUV splice protectors (45mm)				X
L96	96 SMOUV splice protectors (60 mm)				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

Moisture cable blocking

N	No blocking
B	Blocking

Number of splice trays

0	No trays
	Closure size
1...3	A4
1...4/8	A8 [b]
1...6	B [c]
1...12	D5/B [b]
1...8	D5 [d]

[a] A8 closure can accept a mix of standard and slim trays; please contact your local sales representative.

[b] Maximum 8 trays in case of S6 or A6 tray type

[c] B closure can initially be fitted with trays; however, retrofitting a standard "B" closure (delivered with 4 trays or fewer) with a 5th and 6th tray is not possible. The B closure can be ordered with up to 5 trays pre-installed and capacity for later addition of a 6th tray (FOSC-400B4-XX-X//6...). If 5 or 6 trays are required, a storage basket cannot be used. If 5 or 6 trays are required, a storage basket cannot be used.

[d] If 7 or 8 trays are required, a storage basket cannot be used.

ACCESSORIES

Description	Closure size	Ordering number	
Cable sealing kits			
Tubular cable seals for 1 cable in round port			
Cable fixation for round port (maximum 30mm)	A4	FOSC-A-CSEAL-1NT	
Cable fixation for round port (maximum 30mm)	B or D	FOSC-B/D-CSEAL-1NT	
Cable fixation for round port (maximum 18mm)	A8	FOSC-A8-CSEAL-1NT	
Tubular cable seals for 2 cable in oval port (maximum 2x25mm)	A	FOSC-A-CSEAL-2NT	
	B/D	FOSC-B/D-CSEAL-2NT	
Wrap-around cable seal sleeve			
Use on any **round** port (repair or reentry, maximum 1x30 mm)		FOSC-CSEAL-1NW	
Use on any **oval** port (repair or reentry, maximum 2x25mm)		FOSC-CSEAL-2NW	
Mounting brackets			
Brackets for vertical wall mounting	A,B	FOSC-A/B/MOBRA	
	D5, D5/B	FOSC-UNI-MOUNT-W	
Bracket for pole or wall mounting	D5	FOSC-400D-POLE-MOUNT	
Work stand			
For all FOSC closures; keeps closure in horizontal position during installation	All	FOSC-WORK-STAND	

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