FOSC-400
Fiber optic closure

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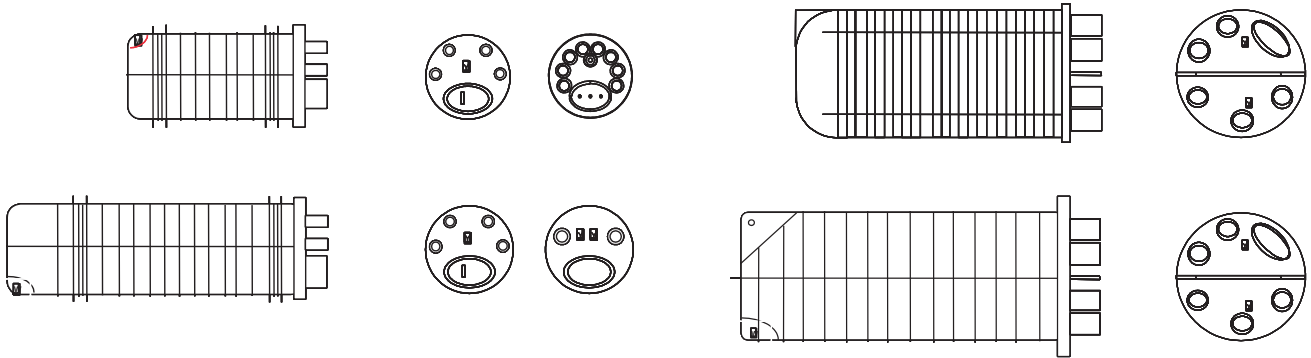
Features

- Single-ended design
- Available in 4 sizes (A, B, D5/B and D5)
- Base and dome are sealed with a clamp and O-ring system
- 2,4, 5 or 8 round cable ports and 1 oval port are provided
- 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
- The closure can be used as well in aerial, pedestal and underground (up to 5 meters) environment.

TE connectivity

Dimensions (in mm) and capacities

Dimensions

	Closure size					
	AS/A4	A8	B4	B2	D5/B	D5
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

Closure size							
	AS	A4	A8	B4	B2	D5/B	D5
FOSC tray capacity							
# FOSC trays (no storage basket)	12	2 / 3	4 / 8 (b)	4 / 6 (c)	4 / 6	12	8
# FOSC trays (with storage basket)	N.A.	2	4 / 8 (b)	4	4	N.A.	6 / 4 (d)
Splicing capacity							
Single fiber	72	48 / 72	96 / 48	96 / 144	96 / 144	288	768
Ribbon 12							1152
Cable ports							
1 oval port for 2 cables with ø range each	10-25 mm	10-25 mm	10-25 mm	10-25 mm	10-25 mm	10-25 mm	10-25 mm
# round ports	4	4	8	4	2	5	5
cable ø range of the round ports	5-19 mm	5-19 mm	5-10 mm	5-19 mm	5-28 mm	5-28 mm	5-28 mm

Notes

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

b   The A8 closure's capacity is 4 standard A trays or 8 slim trays, but it accepts as well 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 the local sales engineer for more information). Adding to an installed standard 'B' closure a 5th and 6th tray is impossible.
B-closure with a capacity of up to 6 trays can be ordered (with up to 5 trays pre-installed), namestring becomes FOSC-400B4-XX-X/6-…

d   6 trays in case of a standard D-basket, 4 trays in case of a tall basket (see FOSC tray O.G. for basket info.

Ordering information

FOSC-400 [XX] - [XXX] - [X] - [X] [XX]

Base type

A4	420 mm - 4 round ports	A
B4	540 mm - 4 round ports	A
D5	710 mm - 5 round ports	A
A8	410 mm - 8 round ports(a)	B
AS	420 mm - 4 round ports	C
B2	540 mm - 2 round ports	C
D5/B	505 mm - 5 round ports	C

Tray type

NT	No trays					Class
						A
	AS	A4	A8	B2 B4 D5/B	D5	
Splices at tray exterior (EU layout)						
S24		x	x	x		A
S08		x	x			B
S12				x		B
S6,A6	x		x			C
A24		x	x	x		
4R4		x	x			
6R4				x		
Splices at tray interior (US layout)						
72					x	A
24		x	x	x		B
36					x	B
12		x	x	x		C
S96,L96					x	C
A72,A96					x	C
24RS		x	x	x		C
96RS					x	C
RT,RT/P					x	C

Valve test and/or grounding

		Class
NN	No groud feed-through No flash test valve	A
GV	Pre-mounted ground feed-through Pre-mounted flash test point in dome	A
NV	No ground feed-through Pre-mounted flash test point in dome	B
GN	Pre-mounted ground feed-through No flash test valve	B

Moisture cable blocking

		Class
N	No blocking	A
B	Blocking	C

splice trays

		Class
0		A
1... 12	AS	B
1... 3	A4	B
1... 4/8	A8 (b)	B
1... 6	B (c)	B
1... 12	D5 (b)	B
1... 8	D5 (d)	B

(a) A8 closure can accept a mix of standard and slim trays, contact product management for details

(b) Maximum 8 trays in case of S6 or A6 tray type

(c) B closure can initially be fitted with 6 trays, however, retrofitting a standard "B" closure (delivered with 4 trays or fewer) with a 5th and 6th tray is not possible.
B-closure with a capacity of up to 6 trays can be ordered (with up to 5 trays pre-installed), namestring becomes FOSC-400B4-XX-X/6-…
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.

FOSC-A-CSEAL-1NT

    A4 or AS-size: tubular cable sealing kit including cable fixation for 1 cable in a round port of maximum 30 mm

FOSC-B/D-CSEAL-1NT

    B or D-size: tubular cable sealing kit

FOSC-A8-CSEAL-1NT

    A8-size: tubular cable sealing kit including cable fixation for 1 cable in a round port of maximum 18 mm

FOSC-CSEAL-1NW

    Wraparound cable seal sleeve for use on any round port (repair or re-entry).

FOSC-CSEAL-2NW

    Wraparound cable seal sleeve for use on the oval port (repair or re-entry).

FOSC-A-CSEAL-2NT

    A-size: tubular cable sealing kit including cable fixation for 2 cables in the oval port

FOSC-B/D-CSEAL-2NT

    B or D-size: tubular cable sealing kit including cable fixation for 2 cables in the oval port

FOSC-A8-CSEAL-COLD-8

    A8-size: tubular cold seal kit including cable fixation for aerial or pedestal applications

FOSC-WORK-STAND

    Work stand to keep all FOSC closures in horizontal position during installation.

FOSC-A/B-MOBRA

    Bracket for mounting the A or B closure vertically on a wall

FIST-UNI-MOUNT-W

    Metal bracket for mounting D5 - D5/B closure onto a wall

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

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