FOSC-400
Fiber Optic Closure

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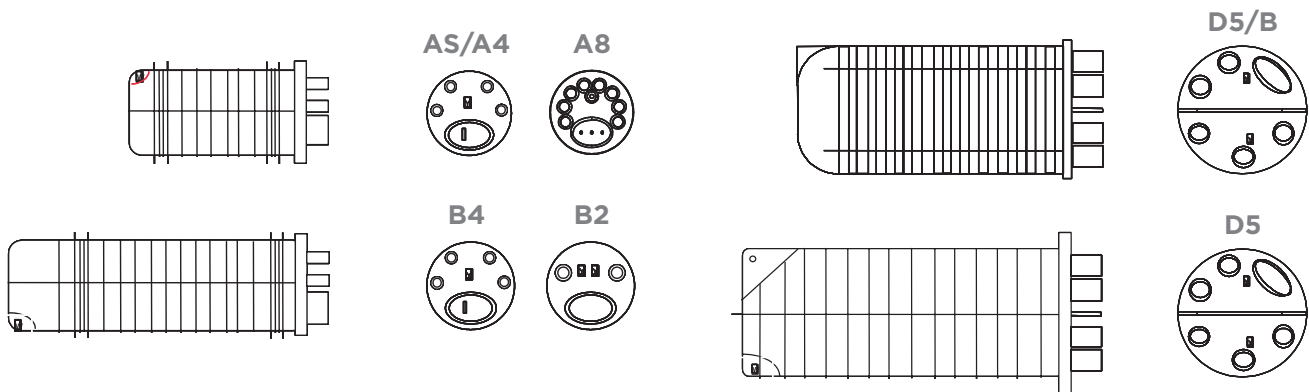
Features

- 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
- 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) environments

EVERY CONNECTION COUNTS

TE connectivity

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Dimensions and capacities

AS/A4 **A8**

D5/B

B4 **B2**

D5

Dimensions in mm	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	AS	A4	A8	B4	B2	D5/B	D5
FOSC tray capacity							
Number of FOSC trays (no storage basket)	12	2 / 3	4 / 8 [b]	4 / 6 [c]	4 / 6	12	8
Number of 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 each with ø range	10-25 mm	10-25 mm	10-25 mm	10-25 mm	10-25 mm	10-25 mm	10-25 mm
Number of round ports	4	4	8	4	2	5	5
Cable ø range of round ports	5-19 mm	5-19 mm	5-10 mm	5-19 mm	5-28 mm	5-28 mm	5-28 mm

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

TE
connectivity

Ordering information

FOSC-400 - XX - XXX - X - X X X

Base type

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

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... 12	AS
1... 3	A4
1... 4/8	A8[b]
1... 6	B[c]
1... 12	D5/B[b]
1... 8	D5[d]

Tray type

NT	No trays

		AS	A4	A8	B2 B4 D5/B	D5
Splices in splice protectors at tray exterior						
S6	6 SMOUV splice protectors (45 mm)	x		x		
S08	8 SMOUV splice protectors (45 mm)		x	x		
S12	12 SMOUV splice protectors (45 mm)				x	
S16	16 SMOUV splice protectors (45 mm)					
S24	24 SMOUV splice protectors (45 mm)		x	x	x	
A6	6 ANT splice protectors	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	

		AS	A4	A8	B2 B4 D5/B	D5
Splices stored in modules at tray interior						
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
72	72 splice protectors (6 modules, 12 splices/module)					x
S96	96 SMOUV splice protectors (45 mm)					x
L96	96 SMOUV splice protectors (60 mm)					x
A72	72 ANT splice protectors					x
A96	96 ANT splice protectors					x
RT	24 splices for ribbon cable with 12 fibers (4 modules, 6 splices/module)					x

[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.

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Accessories

Description	Closure size	Catalog number
Cable sealing kits		
Tubular cable seals for 1 cable in round port		
Cable fixation for round port (maximum 30 mm)	A4 or AS	FOSC-A-CSEAL-1NT
?	B or D	FOSC-B/D-CSEAL-1NT
Cable fixation for round port (maximum 18 mm)	A8	FOSC-A8-CSEAL-1NT
Tubular cable seals for 2 cable in round port	A	FOSC-A-CSEAL-2NT
	B/D	FOSC-B/D-CSEAL-2NT
Tubular cold cable seal kit		
including cable fixation; for aerial or pedestal applications	A8	FOSC-A8-CSEAL-COLD-8
Wrap-around cable seal sleeve		
Use on any **round** port (repair or reentry)		FOSC-CSEAL-1NW
Use on any **oval** port (repair or reentry)		FOSC-CSEAL-2NW
Brackets for vertical wall mounting	A, B	FOSC-A/B/MOBRA
	D5, D5/B	FOSC-UNI-MOUNT-W
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.

DATA SHEET