COMMSCOPE®

FOSC-400G

Fiber Optic Closure with Multi-out Gel Seals

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

FOSC-400G 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-400G's cable sealing terminations are done by using multi-out gel-sealing technology instead of heat shrink. This allows up to 16 cables to be sealed in a single round port. It is easy to remove cables, and gel seals are completely re-usable.

Features

- Single-ended design
- Available in 4 sizes
- Base and dome sealed with clamp and O-ring system
- 2 or 5 round cable ports
- Oval seals ordered separately
- 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 2 meters waterhead) environments

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Dimensions and Capacities

AG

BG

D5/BG

D5G
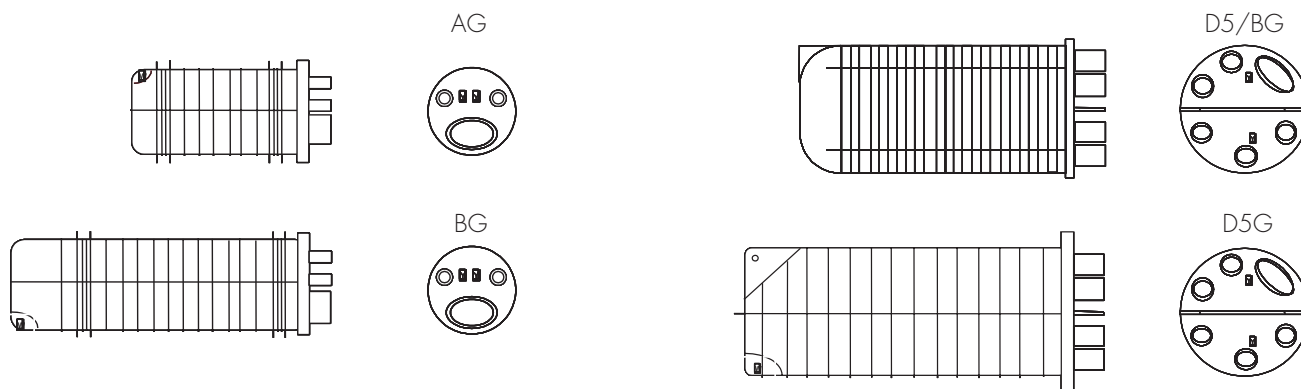
	AG	BG	D5/BG	D5G
Closure dimensions in mm				
Length	420	540	505	710
Ø (without clamp)	183	183	247	247
Ø (including clamp)	205	205	285	285

Type of splice tray	A 10-11.5mm thick	A 10-11.5mm thick	A 10-11.5mm thick	D 13 mm thick
Number of trays without storage basket	N/A	N/A	12	8
Number of trays with storage basket	2	6	N/A	6
Splice capacity	**Fibers**	**Fibers**	**Fibers**	**Fibers**
Single element splicing	48	144	288	768
Ribbon fiber splicing (12-fiber)	-	-	-	1152[a]

[a] Uses 4 FOSC D ribbon trays (288 splices/tray)

Number of ports and capacity

Oval ports	2 cables/port					
Minimum Ø	2x5mm					
Maximum Ø	2x15mm					
Round ports	1 cable/port	2 cables/port	3 cables/port	4 cables/port	8 cables/port	16 cables/port
Minimum Ø	1x11mm	2x8mm	3x6.5mm	4x4mm	8x3mm	16x0mm
Maximum Ø	1x14mm	2x11mm	3x8mm	4x7mm	8x5mm	16x3mm

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Ordering Information

$$\text{FOSC-400 X - X - X - X X}$$

Closure size

AG	420mm - 2 round ports
BG	540mm - 2 round ports
D5G	710mm - 5 round ports
D5/BG	505mm - 5 round ports

Tray type

NT	No trays		

Splices in splice protectors at tray exterior			
		AG,BG, D5/BG	D5G
S08	8 SMOUV splice protectors (45mm)	X	
S24	24 SMOUV splice protectors (45mm)	X	
A24	24 ANT splice protectors	X	
4R4	4 splice protectors for ribbon cable with 4 fibers	X	
2R12	2 splice protectors for ribbon cable with 12 fibers		X

Splices stored in modules at tray interior			
		AG,BG, D5/BG	D5G
12	12 splice protectors (2 modules, 6 splices/module)	X	
24	24 splice protectors (2 modules, 12 splices/module)	X	
36	36 splice protectors (6 modules, 6 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

Ground feedthrough

G	Pre-installed ground feedthrough
N	No ground feedthrough

Number of splice trays

0	No trays
Closure size	
1...2	AG
1...6	BG
1...12	D5/BG
1...8	D5G

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ACCESSORIES

Description	Closure size	Ordering number	
Mounting brackets			
Vertical mounting in manhole/handhole	AG/BG	FOSC-A/B-MOBRA	
Pole or wall mounting	D5	FOSC-400D-POLE-MOUNT	
Work stand	All	FOSC-WORK-STAND	

Ordering Information Oval/Round Multi-Out Gel-Sealing Kits

FOSC- X SKG - X

Closure size

O	Oval port seal
R	Round port seal

Flash test valve

Round port seal		
1	1 cable	Ø 11-14mm
2	2 cables	Ø 8-11mm
3	3 cables	Ø 6.5-8mm
4	4 cables	Ø 4-7mm
8	8 cables	Ø 3-5mm
16	16 cables	Ø 0-3mm
Oval port seal		
LEAVE BLANK	Looped	Ø 5 -15mm
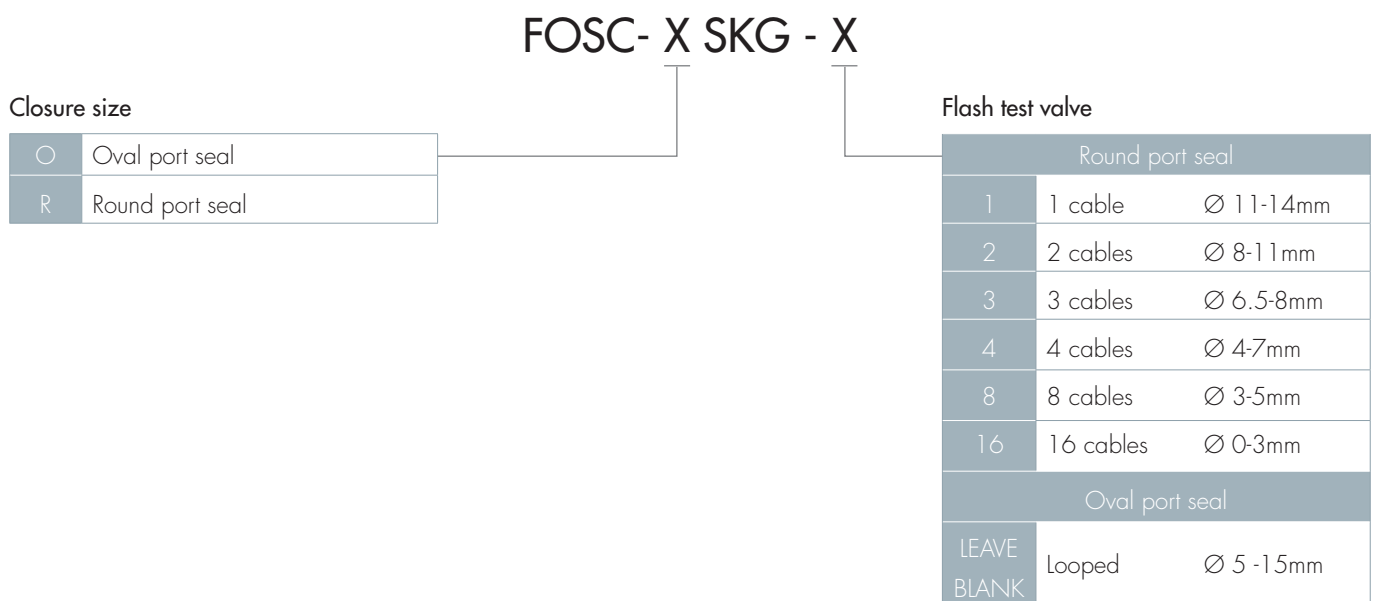
For more technical options and order quantity information, please consult the product ordering guide or your local sales representative.

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