

FOSC-400G

Base Product



FOSC® 400G Fiber Optic Splice 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 cablesealing 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.

Key features for the FOSC-400G closures:

- 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

Product Classification

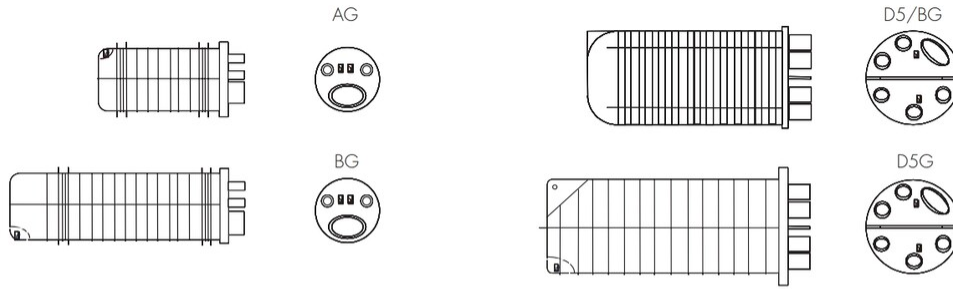
Regional Availability	Asia EMEA
Product Type	Single-ended, round fiber closure
Product Brand	FOSC®
Product Series	FOSC 400G

General Specifications

Cable Entry Drop Port Style	Round
Closure Sealing Type	Dome-to-base clamp with O-ring
Closure Style	Single-ended
Color	Black
Mounting	Pole Strand Wall
Network Area Type	Feeder
Splicing Type, Supported	Single fusion

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Dimension Drawing



	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

Port Configuration

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

Splicing Configuration

	AG	BG	D5/BG	D5G
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)

Ordering Tree

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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

Material Specifications

Material Type Impact-resistant polymer

Environmental Specifications

Environmental Space Below ground | Buried

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

Designed, manufactured and/or distributed under this quality management system