COMMSCOPE®

FOSC-600

Fiber Optic Splice Closure

FOSC-600 closures are rugged and versatile platforms that can be deployed anywhere in the outside plant. They support a multitude of functions including: Splicing of any type and size of cable; the housing of connectorized distribution and demarcation points; deployment of optical passive components such as splitters or WDMs.
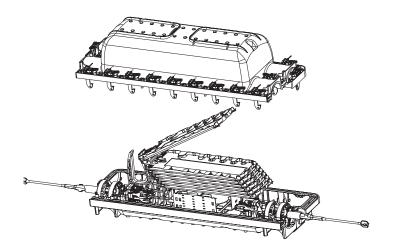
The sealing system for FOSC-600 closures builds on the proven reliability of FOSC-400. FOSC-600 closures feature the versatile and popular gel-seal technology for terminating cables, and a unique latching system for quickly opening and closing the body.
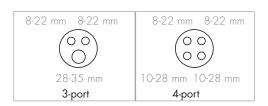
Features

- Up to sixteen separate cable ports

- Accepts up to 1728 fibers and cables up to 35 mm in diameter

- Field-configurable for single-ended (butt) or in-line splicing

- All internal parts can be removed for reconfiguration

- Storage basket included with all closures can be extended in length or repositioned vertically depending on application

- Slack ribbon storage on same tray as mass fusion splices possible with a new ribbon tray

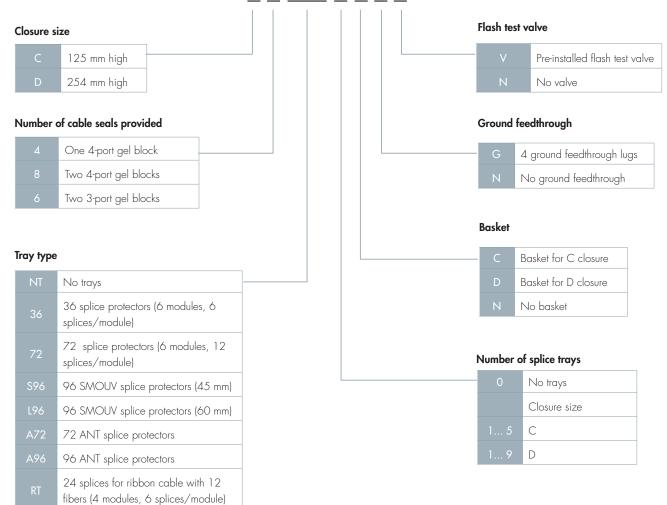- Closure can be used in aerial, pedestal and underground (up to 5 meters) environments

For more information, visit commscope.com

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Dimensions and capacities

	FOSC 600-C		FOSC 600-D	
Closure dimensions in mm				
Length	828		828	
Height	152		254	
Width	274		274	
Cable port capacity: 3-port				
Minimum Ø	2x8		2x8	
	1x28		1x28	
Maximum Ø	2x22		2x22	
	1x35		1x35	
Cable port capacity: 4-port				
Minimum Ø	2x8		2x8	
	2x10		2x10	
Maximum Ø	2x22		2x22	
	2x28		2x28	
Splice capacity	Fibers	Trays	Fibers	Trays
Single element splicing	288	3	672	7
Ribbon fiber splicing	576	2	1152	4
Butt	Fibers	Trays	Fibers	Trays
Single element splicing	480	5	864	9
Ribbon fiber splicing	864	3	1728	6

8-22 mm 8-22 mm	8-22 mm 8-22 mm
28-35 mm	10-28 mm 10-28 mm
3-port	4-port

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Ordering Information

$$\text{FOSC-600 X X-XXX-X-X X X}$$

Closure size

C	125 mm high
D	254 mm high

Number of cable seals provided

4	One 4-port gel block
8	Two 4-port gel blocks
6	Two 3-port gel blocks

Tray type

NT	No trays
36	36 splice protectors (6 modules, 6 splices/module)
72	72 splice protectors (6 modules, 12 splices/module)
S96	96 SMOUV splice protectors (45 mm)
L96	96 SMOUV splice protectors (60 mm)
A72	72 ANT splice protectors
A96	96 ANT splice protectors
RT	24 splices for ribbon cable with 12 fibers (4 modules, 6 splices/module)

Flash test valve

V	Pre-installed flash test valve
N	No valve

Ground feedthrough

G	4 ground feedthrough lugs
N	No ground feedthrough

Basket

C	Basket for C closure
D	Basket for D closure
N	No basket

Number of splice trays

0	No trays
	Closure size
1... 5	C
1... 9	D