E25961-000 | FOSC450-A4-2-12-1-N1V



FOSC® 450 A4 Fiber Optic Splice Closure, Gel Cable sealing, one preinstalled 12-splice tray, 2 cable attach., one ground feedthrough lug, with test valve

- Single-ended, O-ring sealed dome closure for splicing feeder and distribution cables
- Gel cable sealing technology allows easy adding or removing of a wide size range of cables
- Compatible with most common cable types: e.g. loose tube, central core, ribbon fiber
- FOSC splice trays hinged for access to any splice without disturbing other trays
- Closure can be used in aerial, pedestal and underground (up to 5 meters) environments
- Compatible with CommScope's CWDM modules and optical splitter trays

Product Classification

Regional Availability	Latin America North America
Product Type	Single-ended, round fiber closure
Product Brand	FOSC®
Product Series	FOSC 450
General Specifications	
Cable Entry Drop Port Style	Round
Cable Entry Main Port Style	Round
Cable Ports Quantity, total	4 round ports
Cable Sealing Type	Compressed gel
Closure Sealing Type	Dome-to-base clamp with O-ring
Closure Style	Single-ended
Color	Black
Fiber Storage Basket Type	No basket
Flash Test Valve	Pre-installed
Ground Feed-through	Included
Mounting	Pole Strand Wall
Network Area Type	Feeder
Splice Tray Included, quantity	1
Splice Tray Type Included	12-way, heat shrink
Splicing Capacity, Mass Fusion, maximum	144
Splicing Capacity, maximum	144

Page 1 of 4

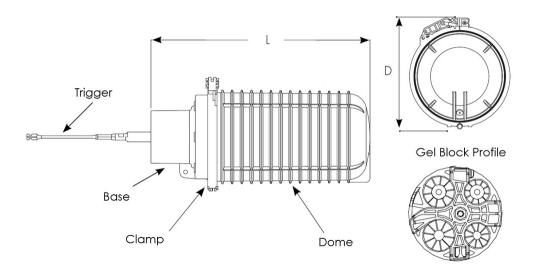
©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: December 6, 2024



E25961-000 | FOSC450-A4-2-12-1-N1V

Splicing Capacity, Single Fusion, maximum	96
Splicing Capacity, Single Splice, 12 fibers, maximum	96
Splicing Capacity, Single Splice, 6 fibers, maximum	48
Splicing Type, Supported	Mass fusion Single fusion
Dimensions	
Length	485 mm 19.094 in
Diameter	150 mm 5.906 in
Diameter, with clamp	205 mm 8.071 in
Main Cable Diameter, maximum	25 mm 0.984 in

Dimension Drawing



Ordering Tree

Page 2 of 4

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: December 6, 2024

COMMSCOPE°

E25961-000 | FOSC450-A4-2-12-1-N1V

FOSC 450 - XX - X - XX - X - X X X Valve for Flash Testing A4 4 cable entry ports; 8 dia. x 19 long V Valve (standard) BS 6 cable entry ports; 9 dia. x 19.5 long



N No Valve



Special Bulkhead Basket arrangement for B, BS closures only

Stackable Trays in D Closure Dize closures with "N" option include backbone used to route ribbons to ribbon trays. A and Bsize closures include storage "socks".

N No Basket A4 Standard Size B6. BS Standard Size C6 Standard Size D D6 Standard Size

T Tall Size

(N/A for A size) Capacity and Type of Splice Tray

B6 6 cable entry ports; 10 dia.x24 long C6 6 cable entry ports; 11.5 dia. x 23 long 6 cable entry ports; 11.5 dia. x 30 long

Termination Hardware Quantity for the Kit

2 cable attachments included 4 cable attachments included

6 cable attachments included

Closure Size (inches)

	No tray installed in factory A, B, or C tray with two SM6 splice modules
	A, B, or C tray with two SM12 splice modules
	D tray with six SM6 splice modules
72*	D tray with six SM12 splice modules
	A, B size ribbon tray (accommodates 12 ribbons/144 fibers)
R2	D size ribbon tray (24 ribbons/288 fibers)
R3	C size ribbon tray (18 ribbons/216 fibers)
	Stackable single fusion trays (12 splices)

Quantity of Splice Trays Factory Installed

Choose either "0" trays (no trays installed) or "1" tray installed. Additional trays sold separately.	

Material Specifications

Material Type

Impact-resistant polymer

Below ground | Buried

IEC 61300, 5 m waterhead

Flash test valve at 5 psi (40 kPa)

Environmental Specifications

Environmental Space Qualification Standards

Water Resistance

Packaging and Weights

Packaging quantity	1
Packaging Type	Box Carton
Weight, net	2.72 kg 5.997 lb

Page 3 of 4

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: December 6, 2024



E25961-000 | FOSC450-A4-2-12-1-N1V

Regulatory Compliance/Certifications

E

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: December 6, 2024

