

FOSC® 450 D6 Fiber Optic Splice Closure, Gel Cable sealing, no preinstalled tray, with 2 cable attach., three ground feedthrough lugs, 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	6 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	0
Splice Tray Type Included	No trays
Splicing Capacity, Mass Fusion, maximum	3456
Splicing Capacity, maximum	3456

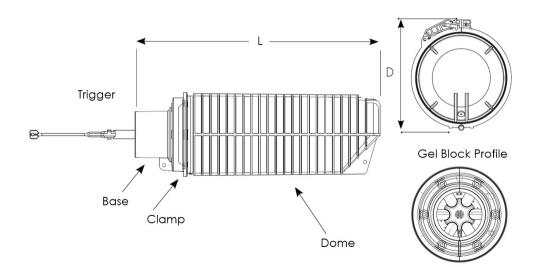
Page 1 of 4

©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



Splicing Capacity, Single Fusion, maximum	768
Splicing Capacity, Single Splice, 12 fibers, maximum	576
Splicing Capacity, Single Splice, 6 fibers, maximum	288
Splicing Type, Supported	Mass fusion Single fusion
Dimensions	
Length	753 mm 29.646 in
Diameter	254 mm 10 in
Diameter, with clamp	292 mm 11.496 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°

FOSC 450 - XX - X - XX - X - X X X **Closure Size (inches)** 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 Note: We recommend flash test valves for FOSC closures. However, non-valved closures are available upon request. 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 Number of Ground Feed-through Lugs Termination Hardware Quantity for the Kit No grounding 1 ground feed-through lug (A4 only, N/A for BS) 2 cable attachments included 4 cable attachments included 3 ground feed-through lugs (B6, C6, and D6 closures only, N/A for BS) 6 cable attachments included (N/A for A size) 6 ground feed-through lugs (C6 and D6 closure only, N/A for BS) Capacity and Type of Splice Tray Note: FEG and MEG kits provide optional ground isolation for FOSC 450 closures. NT No tray installed in factory **Slack Basket Type** A, B, or C tray with two SM6 splice modules N No Basket A, B, or C tray with two SM12 splice modules A4 Standard Size B6. BS Standard Size 36 D tray with six SM6 splice modules C6 Standard Size 72* D tray with six SM12 splice modules D D6 Standard Size A, B size ribbon tray (accommodates Special Bulkhead Basket arrangement for B, BS closures only 12 ribbons/144 fibers) R2 D size ribbon tray (24 ribbons/288 fibers) T Tall Size R3 C size ribbon tray (18 ribbons/216 fibers) S Stackable Trays in D Closure Stackable single fusion trays (12 splices) Size closures with "N" option include backbone used to route ribbons to ribbon trays. A and B-size closures include storage "socks". *Note: SMOUV (1120-01) splice protection sleeves are highly recommended for use with SM12 splice modules. 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

Environmental Specifications

Environmental Space

Qualification Standards

Water Resistance

Packaging and Weights

Packaging quantity	1
Packaging Type	Box Carton
Weight, net	9.07 kg 19.996 lb

Impact-resistant polymer

Below ground | Buried

IEC 61300, 5 m waterhead

Flash test valve at 5 psi (40 kPa)

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



Regulatory Compliance/Certifications

スラ

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

