FOSC 450 A
Fiber Optic Splice Closure

- Butt splice closure
- Small size
- Gel cable sealing technology
- Hinging trays
- Excellent for FTTH applications

Designed for fiber-to-the-home applications, the FOSC 450 A combines the features and benefits of the larger FOSC 450 closure into a smaller, more efficient footprint FTTH requires. Measuring just 8 inches diameter by 19 inches long, and with a capacity of 96 single splices, the 450 A is designed for use in any outside plant environment (direct buried, below grade, above grade, and aerial) and numerous splice applications (expressed, tap-off, branch and repair).

Using the same gel sealing technology found in the other FOSC 450 closures, the "A" accommodates up to 8 drops in addition to the feed-through cable in a single ended (butt) closure design.

Features and Benefits::
- Compatibility with most cable and drop types (loose tube, central core, slotted core, ribbon core, flat, round, etc.) ...one closure does it all.
- Dome-to-Base sealing system provides for simple, quick entry into the splice chamber ...save money and get a reliable seal every time.
- A reusable gel end piece that opens and closes easily for adding or removing cables ...efficient cable sealing with no mess, no parts to lose.
- Four cable ports in the gel sealed end piece that accommodate a wide range of cable sizes ...no matching of specific cables with specific grommets.
- FOSC splice trays that are hinged to provide access to all splices without disturbing other splice trays ...inter-tray fiber management is critical in FTTH applications.
- Storage socks and/or baskets available for uncut or expressed loose buffer tubes.
- Compatible with Tyco Electronics' CWDM modules and optical splitter tray for FTTH applications ...adapts to changing needs of optical networks.

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FTTH Solutions

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Dimensions and Capacities

Closure Size	A4	BS	B6	C6	D6
Dimensions in inches					
Diameter (including clamp)	8″	9″	10″	11.5″	11.5″
Length (without gel block trigger)	19″	19.5″	24″	23″	30″

Splice Capacity (in # of fibers) [1]

	A4	BS	B6	C6	D6
Number of splice trays	4	6	6	8	8
Single fiber	96	144	144	192	768
Ribbon 12	144	288	288	864	1152 (864[3])

Cable Ports [2]

	A4	BS	B6	C6	D6
Number of round cable ports	4	6	6	6	6

[1] Indicated capacities refer to the maximum number of trays/splices that initially can be stored in a closure if no slack storage baskets are used.
[2] With the use of special kits, multiple cables per port can be installed.
[3] With ribbon tray.
[4] Diameter range can be extended to 1.07 inches by trimming fingers on gel seal.

A4: 2 small ports, each for cables .3 - .9 inches in diameter
    2 large ports, each for cables .4 - 1.1 inches in diameter,
    OR each for up to 4 round drop cables of .3 inches diameter or less;
    OR each for up to 3 flat drop cables
BS, B6, C6, D6: 6 ports, each for cables .35 - 1.0 inches in diameter[4]

FOSC 450 - XX - X - XX - X - XXX

Closure Size
A4 - 4 round ports; 8″ dia. x 19″ long
BS - 6 round ports; 9″ dia. x 19.5″ long
B6 - 6 round ports; 10″ dia. x 24″ long
C6 - 6 round ports; 11.5″ dia. x 23″ long
D6 - 6 round ports; 11.5″ dia. x 30″ long

Number of cable ports for which termination hardware is provided
2 - 2 cable attachments included
4 - 4 cable attachments included
6 - 6 cable attachments included

Capacity or type of splice tray
12 - A, B, or C tray with two SM6 splice modules
24*- A, B or C tray with two SM12 splice modules
36 - D tray with six SM6 splice modules
72*- D tray with six SM12 splice modules
R1 - A, B size ribbon tray
    (accommodates 12 ribbons/144 fibers)
R2 - D size ribbon tray (24 ribbons/288 fibers)
SF - Stackable single fusion trays (12 splices)
NT - No trays

*Note: SMOUV (1120-01-US) splice protection sleeves should be used with SM12 splice modules.

Valve for flash testing
V - Yes (standard)
N - No Valve

Number of ground feed-through lugs
0 - No grounding
1 - 1 ground feed-through lug (A4 only)
3 - 3 ground freed-through lugs
    (B6, C6, and D6 closures only)
6 - 6 ground feed-through lugs
    (C6, D6 closure only)

Note: FEG & MEG kits provide optional ground isolation for FOSC 450 closures.

Basket type
N - No Basket
A - A4 Standard Size
B - B6, BS Standard Size
C - C6 Standard Size
D - D6 Standard Size
E - Special Bulkhead Basket arrangement
    for B, BS closures only
T - Tall Size
S - Stackable Trays in D Closure

Note: D-size closures with "N" option include backbone used to route ribbons to ribbon trays. B-size closures include storage "sock".

Number of trays pre-installed
0 or 1 is standard