

Fiber Splice Closure In-Line (SCIL): New Product

The splice closure in-line is deployed at key splice points in the FTTX distribution and access network. Because the closure is spliced in-line with the feeder cable, it is suitable for many locations – in hand holes below ground, on the side of a building, or hung on a strand between poles.

The small and compact SCIL-A, formerly known as the OFMC, is designed for the last-mile access network and supports 2 feeder fiber cables and 8 customer drop cables.

The SCIL-B, formerly known as the FOSC 350C, is designed for the distribution network and supports up to 144 fiber splices with 4 cable entry ports (up to 6 cables per port).

The SCIL-C, formerly known as the FOSC 350D, is a larger, higher capacity version of the SCIL-B. It is designed for the distribution network and supports up to 288 fiber splices with 6 cable entry ports.



SCIL-A



SCIL-B



SCIL-C

Key Features and Benefits

Rugged Environmental Protection

- Superior gel sealing technology that seals a wide range of cable sizes to prevent water & contaminant ingress
- IP68 rated

Secure Cable Entry and Sealing

- Gel wrap and multi-port cable seals adjust to most cable sizes and irregularities
- Cable termination and retention system fits any cable type from traditional loose tube buffered to small micro-sheath cables
- Eliminated risk of cable damage
- Up to a maximum of 24 cables supported for SCIL-B

Proven Fiber Splice Management

- Leverages FOSC® fiber management system, with splice tray options for fusion or mechanical splicing
- Fiber splice capacity from 48 (SCIL-A) to 288 (SCIL-C)
- Storage baskets for looped fiber cable

Quick and Easy Access


- Closure opens and closes with side latches for quick re-entry
- Removeable cover allows unrestricted access to cable termination and splice area for easier installations
- No special tools required

For more detailed information, please refer to the SCIL product brochure:

http://www.commscope.com/Docs/Splice_Closure_In-Line_BR-112038-EN.pdf

Ordering Information

SCIL-A

SCIL – A – 

Tray Type

S24	Splice tray for 24 splices with SMOUV
S48	Splice tray for 48 splices with SMOUV

SMOUV splice protectors included

SCIL-A accessories	
SCIL-A-MOBRA-01	Wall mounting bracket
SCIL-A-KTU(100)	Kit of 100 cable termination devices

SCIL-B

SCIL – B –  – 1 – S  –  

Tray Type

12	Thin tray for 12 fusion splice protectors in single layer, lower style
24	For 24 fusion splice protectors stacked in dual layer, lower style
12A	For 12 fusion splices or mechanical splice protectors in single layer, side hinge
24A	For 24 fusion splice in single layer, side hinge
48	For 48 fusion splice protectors stacked in dual layer, side hinge

SMOUV splice protectors included

Number of Trays

Up to 4 trays are supported for type 24 trays, 8 trays for type 12 trays, and 3 trays for types 12A, 24A, and 48 trays.
Can be ordered with 1 pre-installed tray only.
Additional trays must be ordered separately (see accessories section).

Valve

V	Air Valve
N	No valve

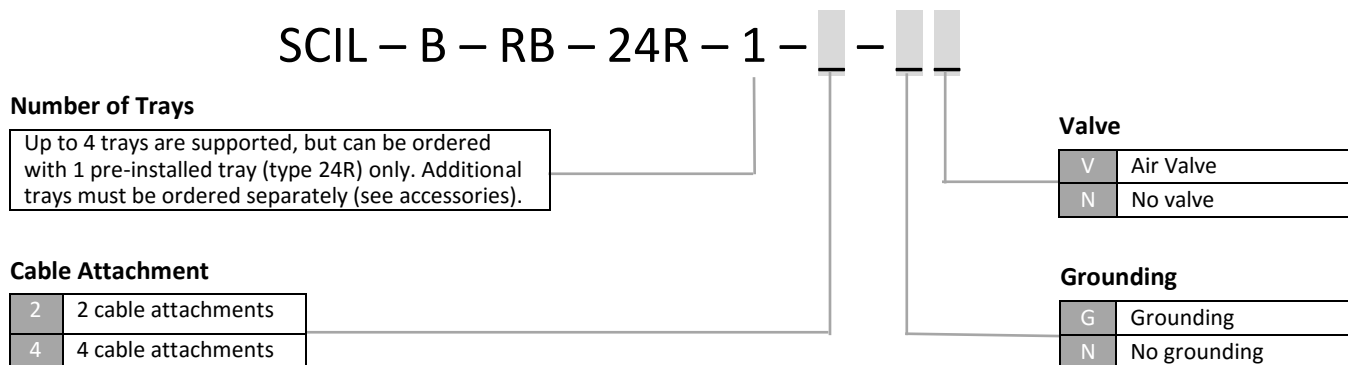
Grounding

G	Grounding
N	No grounding

Cable Attachment

2	2 cable attachments
4	4 cable attachments

SCIL-B for ribbon cables



SCIL-B accessories

Part number	Description
TRAYS	
SCIL-B-TRAY-12-KIT-S	Thin tray for 12 fusion splice protectors in single layer, lower style, includes SMOUV protector
SCIL-B-TRAY-24-KIT-S	For 24 fusion splice protectors stacked in dual layer, lower style, includes SMOUV protector
SCIL-B-TRAY-12A-KIT-S	For 12 fusion splices or mechanical splice protectors in single layer, side hinge, includes SMOUV protector
SCIL-B-TRAY-24A-KIT-S	For 24 fusion splice in single layer, side hinge, includes SMOUV protector
SCIL-B-TRAY-48-KIT-S	For 48 fusion splice protectors stacked in dual layer, side hinge, includes SMOUV protector
SCIL-B-TRAY-24R-KIT	For 4 ribbon splices
MOUNTING BRACKETS	
SCIL-B-WALL-BRACKET	Wall mounting bracket
SCIL-B-POLE-BRACKET	Pole mounting bracket
SCIL-B-STRAND-BRACKET	Strand mounting bracket]
CABLE ENTRY KITS	
SCIL-B-MLT-KIT-6	6-out multiport bracket, foam strip, saddle seat, dummy rod, tie wraps and, cleaning tissue
SCIL-B-MLT-KIT-4	4-out multiport bracket, screws, hose clamp, ring tree, gel donut, dummy rod, UV resistant tie wraps and cleaning tissue
SCIL-B-MLT-KIT-2	2-out multiport bracket, screws, gel donut, dummy rods, blocking ring, tie wraps, cleaning tissue
SCIL-B-MLT-KIT-6-Flat	Cable seal for 6 flat drop cables
SCIL-B-DROP-KIT-1	1-out bracket, hose clamp, cable bracket, gel tape, transportation tube, UV resistant tie wraps and cleaning tissue.

SCIL-C

SCIL – C – [] – 1 – S [] – [] []

Tray Type

24	24 fusion splice protectors stacked in single layer
36	36 fusion splice protectors stacked in dual layer
48	48 fusion splice protectors stacked in dual layer

SMOUV splice protectors included

Number of Trays

Up to 6 trays are supported, but can be ordered with 1 pre-installed tray only. Additional trays must be ordered separately (see accessories).

Cable Attachment

	Number of cable attachments	
	10-16mm diameter cables	7-12mm diameter cables
0	0	6
1	1	5
2	2	4
3	3	3
4	4	2
5	5	1
6	6	0
F	Floating with Gel tape	

Valve

V	Air Valve
N	No valve

Grounding

G	Grounding
N	No grounding

SCIL-C accessories

Part number	Description
TRAYS	
SCIL-C-TRAY-24-KIT-S	For 24 fusion splice protectors stacked in single layer
SCIL-C-TRAY-36-KIT-S	For 36 fusion splice protectors stacked in dual layer, includes SMOUV protector
SCIL-C-TRAY-48-KIT-S	For 48 fusion splice protectors stacked in dual layer, includes SMOUV protector
MOUNTING BRACKETS	
SCIL-C-WALL-BRACKET	Wall mounting bracket
SCIL-C-POLE-BRACKET	Pole mounting bracket
SCIL-C-BRACKET-HANGER-CATV	Hanger bracket for CATV
SCIL-C-BRACKET-HANGER-KT	Hanger bracket for KT
SCIL-C-BRACKET-HANGER-ASM	Hanger bracket for ASM
CABLE ENTRY KITS	
SCIL-C-DROP-KIT-10/16	1-out bracket, hose clamp, cable bracket, gel tape, transportation tube, UV resistant tie wraps and cleaning tissue.
SCIL-C-DROP-KIT-7/12	1-out bracket, hose clamp, cable bracket, gel tape, transportation tube, UV resistant tie wraps and cleaning tissue.