

SCIL Fiber splice closure, in-line

The SCIL in-line splice closure is deployed at key splice points in the FTTX distribution and access network. Because the closure is spliced in-line with the network 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. Besides protection, these closures are easy to install and maintain. They facilitate quick access to the fiber splices and support a widerange of cables. This combination of strengths make the SCIL (Splice Closure In-Line) excel in facade, branch off, network expansion, and repair applications.

The SCIL closures are offered in 3 versions:

SCIL-A

Recommended applications: Below grade, Pedestal, Facade
Splice trays: 2 x (24 splices)
Number of splices: 48
Cable entry ports: 2 x feeder, 8 x drop
Cable diameter: 6 - 11 mm (2 x feeder) or 4 - 7.5 mm (8 x drop)
L x W x H: 250 x 100 x 70 mm

SCIL-B

Recommended applications: Below grade, Facade, Pole, Aerial
Splice trays: 4 x (24 splices) or 8 x (12 splices) or 3 x (48 splices)
Number of splices: 96/144
Cable entry ports: 4
Cable diameter: 8-22mm
L x W x H: 369 x 182 x 106 mm

SCIL-C

Recommended applications: Below grade, Facade, Pole, Aerial
Splice trays: 6 x (24 splices) or 6 x (48 splices)
Number of splices: 144/288
Cable entry ports: 6
Cable diameter: 7-23mm
L x W x H: 350 x 216 x 140 mm

Key features of the SCIL closures:

- Rugged Environmental Protection
 - Superior gel sealing technology that seals a wide range of cable sizes to prevent water and contaminant ingress
 - IP68 rated
 - Air valve and grounding options available
- Secure Cable Entry and Sealing
 - Gel wrap and multi-port cable seals adjusts to most cable size and irregularities
 - Cable termination and retention system fits any cable type from traditional loose tube buffered to small micro-sheath cables
 - Eliminates risk of cable damage

SCIL

- Maximum number of cables supported from 10 (SCIL-A) to 24 (SCIL-B)
- Proven Fiber Splice Management
 - Leverages proven FOSC® fiber management system, with multiple splice tray options
 - 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

Product Classification

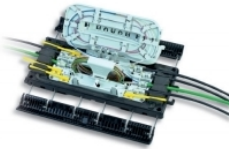


Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Product Type	In-line, rectangular fiber closure
Product Brand	SCIL™
Product Series	SCIL-A SCIL-B SCIL-C

General Specifications

Cable Entry Drop Port Style	Round
Cable Entry Main Port Style	Round
Cable Sealing Type	Compressed gel
Closure Sealing Type	Side latch
Closure Style	In-line
Color	Black
Network Area Type	Drop

Port Configuration

SCIL

	SCIL-A	SCIL-B	SCIL-C
Port layout			
Cable entry ports	2 x feeder, 8 x drop	4	6
Cable diameter	6 - 11 mm (2 x feeder) 4 - 7.5 mm (8 x drop)	8-22mm	7-23mm
Multi-port	N/A	6 x (4.5-8.1 mm, flat) 6 x (0-5 mm, round) 4 x (7-9 mm, round) 2 x (8-12 mm, round) 1 x (8-22 mm, round)	N/A

Ordering Tree

SCIL-A - 1

Tray type

1 524 Splice tray for 24 splices
548 Splice tray for 48 splices
SMOLV splice protectors included

SCIL-B - RB - 24R - 1 - S - - -

Number of trays

1 1 Up to 4 trays are supported, but can be ordered with 1 pre-installed tray (type 24R) only. Additional trays must be ordered separately (see accessories).

Cable attachment

2 2 2 cable attachments
4 4 4 cable attachments

Grounding

3 G Grounding
N No grounding

Valve

4 V Air valve
N No valve

SCIL-C - 1 - S - - -

Tray type

1 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
SMOLV splice protectors included

Number of trays

2 1 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	
	10-16 mm diameter cables	7-12 mm 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	

Grounding

4 G Grounding
N No grounding

Valve

5 V Air valve
N No valve

Environmental Specifications

Environmental Space Above ground | Below ground

Qualification Standards IEC 60529, IP68 + 2 m waterhead

Regulatory Compliance/Certifications

Agency

ISO 9001:2015



Classification

Designed, manufactured and/or distributed under this quality management system