# SCIL

## Base Product



### 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) or3 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

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- Eliminates risk of cable damage
- Maximum number of cables supported from10 (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

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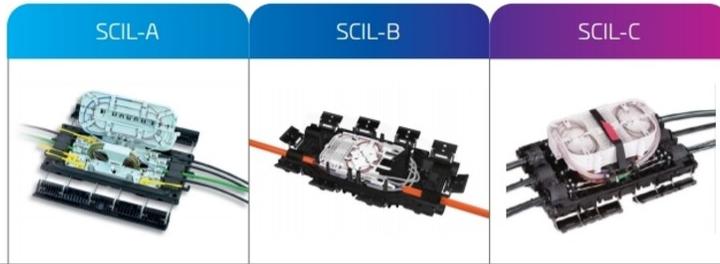
# SCIL

| | SCIL-A | SCIL-B | SCIL-C |
|---|---|---|---|
| Port layout | Drop 1 — Drop 5<br>Drop 2 — Drop 6<br>Feeder in — **SCIL-A** — Feeder out<br>Drop 3 — Drop 7<br>Drop 4 — Drop 8 | Multi-port 1 — Multi-port 3<br>**SCIL-B**<br>Multi-port 2 — Multi-port 4 | Port 1 — Port 4<br>Port 2 — **SCIL-C** — Port 5<br>Port 3 — Port 6 |
| Cable entry ports | 2 x feeder, 8 x drop | 4 | 6 |
| Cable diameter | 6 - 11 mm (2 x feeder)<br>4 - 7.5 mm (8 x drop) | 8-22mm | 7-23mm |
| Multi-port | N/A | 6 x (4.5-8.1 mm, flat)<br>6 x (0-5 mm, round)<br>4 x (7-9 mm, round)<br>2 x (8-12 mm, round)<br>1 x (8-22 mm, round) | N/A |

## Ordering Tree

### SCIL-A-___ (1)

**Tray type** (1)
| | | |
|---|---|---|
| | S24 | Splice tray for 24 splices |
| | S48 | Splice tray for 48 splices |

SMOUV splice protectors included

### SCIL-B-RB-24R-1-_-__ (1 2 3 4)

**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 cable attachments |

**Grounding** (3)
| | | |
|---|---|---|
| | G | Grounding |
| | N | No grounding |

**Valve** (4)
| | | |
|---|---|---|
| | V | Air valve |
| | N | No valve |

### SCIL-B-___-1-S_-__ (1 2 3 4 5)

**Tray type** (1)
| | | |
|---|---|---|
| | 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** (2)
| | |
|---|---|
| 1 | 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.<br>Can be ordered with 1 pre-installed tray only. Additional trays must be ordered separately (see accessories section). |

**Cable attachment** (3)
| | | |
|---|---|---|
| | 2 | 2 cable attachments |
| | 4 | 4 cable attachments |

**Grounding** (4)
| | | |
|---|---|---|
| | G | Grounding |
| | N | No grounding |

**Valve** (5)
| | | |
|---|---|---|
| | V | Air valve |
| | N | No valve |

### SCIL-C-__-1-S_-__ (1 2 3 4 5)

**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 |

SMOUV 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** (3)

| | 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 |

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## Regulatory Compliance/Certifications

| Agency | Classification |
|--------|----------------|
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |

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