

Small Joint Closure (SJC)

Prysmian Part Numbers: See below



The SJC Closure is a splice closure that is used for track or branch applications. It has 4 cable entry ports, a splice cassette for 24 splices and a cable management and storage area. The closure is sealed to IP68 for water and dust tightness. The closure is supplied with four knock-out ports and two entry glands. Up to two additional entry glands can be ordered separately.

Features and Benefits

- A compact closure for track and branch applications.
- Closure has four knock out ports.
- Each port accommodates a cable gland for cables 5-9mm or 6-12mm.
- Closure is supplied with two glands. Additional glands are available separately. See additional items.
- Contains a single splice tray for up to 24 splices.
- Splice tray accommodates 2.2mm splice protectors.
- Cable management plate to secure cables and route fibres.
- Robust construction enabling direct buried applications.
- Can be used underground or can be mounted to a wall.
- Sealed to IP68 at 5m and UV resistant to ISO 4892.
- Gland available for double entry – 8 entries in total for 4-6mm cables

Kit Contents

The SJC is supplied with: -

- 01 x Base
- 01 x Cover
- 01 x O Seal
- 01 x Splice Tray
- 01 x Cable Management Plate
- 02 x Cable Entry Kits

Additional Items

- Splice Protectors
- Cable Entry Glands

Part Numbers

XJTSC02335 – with 2 cable entries for cable 5-9mm.

XJTSC02470 – with 2 cable entries for cables 6-12mm

Technical Data

- Number of cable ports: 4 ports, 2 on each side
- Maximum capacity each port: Cables or microducts: 5-9 mm or 6-12mm
- Number of splice cassettes: 1
- Maximum splice capacity: 24
- Minimum fibre bending radius: 20 mm (fibre types ITU-T G.657 A1 and A2)
- Splice protector type: Heat shrink 45mm x 2.2 mm
- Dimensions: (l) 200 x (w) 170 x (d) 66 mm
- Colour: Black
- Material: Polypropylene housing and ABS inner parts
- UV resistance: Resistant to ISO 4892 – 1000 hours
- Temperature range:
 - Transport and storage -30°C to +60°C
 - Installation -10°C to +50°C
 - Operation -20°C to +60°C
- Cable retention: 80 N
- Impact resistance: 10 Nm @ 20 °C, radius 100 mm
- Static load: 1000 N @ 20 °C on top surface of the box according to EN 50411-2-3
- Water immersion: IP68 (No water ingress at 1.5 meter water pressure for 20 days)
- Application area:
 - Group 1 according to EN 124, placed minimum 25 cm below surface level
 - Group 2 according to EN 124, placed minimum 30 cm below stone or concrete pavement

Logistics

- Packing Dimensions (mm): 180 (l) x 175 (w) x 75 (d) (No. per euro pallet = 220 at 98Kg total weight)
- Packed Weight (kg): 0.40
- Net Weight (kg): 0.39

Additional Items

Cable Entry Kit

The cable entry kit is used to install an additional cable into the joint. It contains a cable gland, a cable tie and foam tape.

Part Number	Cable diameter	Qty
XJTSC02336	5–9 mm	1
XJTSC02471	6-12 mm	1
XJTSC02542	4-6mm (2 entries)	1

Splice protectors

Splice protectors are used to protect the fibre splice. They are 2.2mm in diameter and 45mm in length.

Part Number

XKTSC00050 (Pack of 12)

Please contact your local sales office listed on www.prysmiangroup.com

© Prysmian Group 2017, All Rights Reserved.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed correct at the time of issue. Prysmian Group reserves the right to amend this specification without notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.