

Compact Joint – 96F Retractanet^{XS} (2 x 48F)

Prysmian Part Number: XJTSC01349 (1029379)



The Compact Joint for the Retractanet^{XS} application is the fibre distribution point connecting feeder cable to Retractanet^{XS} access cables. The joint is to be installed in a handhole and therefore factory fitted with flexible ducts to enable easy storage of cable excess length. The splice trays are factory fitted and each tray can accommodate up to 96 spliced fibres. The joint is supplied with a base with six circular ports.

Features and Benefits

- Each joint is supplied with 2 pre-fitted splice trays each capable of containing up to 48 spliced fibres.
- Each joint is supplied with 96 mini heat-shrink splice protectors.
- The closure base has 6 circular entry ports, four of them factory fitted with 5 meters of flexduct to feed through the cable fibre modules. The maximum capacity of each flexduct is 24 Retractanet fibre modules with 2 fibres each or 12 feeder cable loose tubes 1.55 mm with 12 fibres each.
- All flexducts are sealed using adhesive lined heat-shrink sleeves. The base entry ports are pre-shot blasted and configured with easy knock out ends, eliminating the need for cutting and abrading.
- The joints are supplied with all of the components required to prepare, install and store the fibres of one 96 fibre feeder cable and 3 Retractanet cables.
- Additional flexducts can be installed into the circular ports of the joint using Retractanet flexduct kits.

Kit Contents

The Compact Joint is supplied with splice trays, splice protectors and all accessories required for the complete installation of one 96 fibre feeder cable and three Retractanet cables.

Additional Items

- Flexduct entry kit
- Support tool
- Wall mounting bracket
- Splice protectors

Technical Data

- Number of cable ports: 6 circular; inner port diameter 25 mm
- Maximum capacity each port: 24x Retractable 2 fibre modules or 12x 12 fibre loose tubes 1.55 mm
- Maximum number of splice trays: 2 (48 splices each)
- Maximum fibre capacity of Joint: 96 fibre
- Required space envelope (mm): (l) 390 x (w) 231 x (d) 164
(Length = 500mm when heat shrink sleeve is installed)
- Transport and storage: -10°C to + 50°C
- Installation temperature: -10°C to + 50°C
- Operating temperature: -40°C to + 70°C (5 to 95% RH)
- Material:
 - Cap: Polypropylene
 - Base: Phenolic resin
 - Splice trays: Coated aluminium
- Testing:
 - Closure sealing: IP68 - BT specification LN450B
 - Optical: Tested 1310nm, 1550nm and 1625nm
 - Dry heat: BS EN 60068-2-2 Test Bb
 - Damp heat: IEC 60068-2-3: 1969
 - Change of temperature: IEC 60068-2-14: 1984
 - Vibration: IEC 60068-2-6: 1995
 - Shock: IEC 60068-2-27: 1987
 - Impact resistance: 10 Nm @ 20 °C, radius 200 mm
 - Crush resistance: 1000 N/10 cm @ 20 °C on dome

Logistics

- Packing Dimensions (mm): (l) 480 x (w) 250 x (d) 210
- Packed Weight (Kg): 2.8
- Net Weight (Kg): 2.3
- Installation Instructions Included

Additional Items:

Flexduct entry kit

The Flexduct Entry kit is used to accommodate two extra ports with a flexduct entry. The kit consists of 2x5 meters of flexduct, 2 end caps and 2 heatshrink sleeves

Prysmian Part No. – XJTSC01356 (1029381)



Heat Shrink Splice Protectors

Mini heat shrink splice protectors are used to protect the fibre splice. They are 1.3mm in diameter and 30 mm in length.

Prysmian Part No. – XPESC00057 (1030188) (pack of 50)



Compact Joint Mounting Brackets

Support Tool

The Compact Joint support tool allows the user to support an Compact Joint within a portable workbench. The bracket is designed to fit most commercially available workbenches. It is dimensioned to enable a splicing machine to be placed on the workbench for close access to the splicing trays.

Prysmian Part No. – XJTSC00075 (1029386)



Wall Mounting Bracket

The Compact Joint Wall Bracket allows an Compact Joint to be mounted vertically against a wall face or bulk head. The bracket is secured using either bolts or screws (not provided). All jointing operations can be carried out whilst the joint is mounted in the bracket.

Prysmian Part No. – XJTSC00076 (1029387)



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