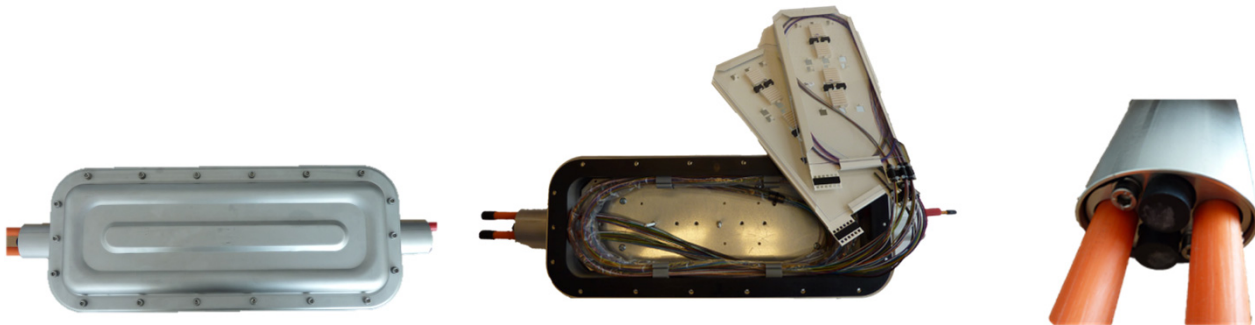


## Retractanet<sup>XS</sup> distribution point XOK

**Prysmian Part Number: XJTSC01576**



The Retractanet<sup>XS</sup> distribution point type XOK is designed to provide a full watertight and high crush resistant protection for the splicing of feeder cables to Retractanet cables in buried installations. The closure has anchoring points for strength members and facilities for easy and safe storage of excess length, of feeder cable loose tubes and Retractanet<sup>XS</sup> cable Picoflex fibre modules. The splice organizer trays accommodate 48 heat shrink splice protectors and sufficient space for storage of fibre excess length. The closure is easily assembled and re-entered.

The strong and robust stainless steel construction makes it possible for use in harsh environments like frozen ground, traffic load etc.. The closure has 2 oval ports, both with a mechanical cable entry seal for 4 cables / microducts each.

### Features and Benefits

- Universal closure for direct buried and hand hole/manhole installation.
- Acid proof stainless steel housing for harsh and corrosive environments without any additional protection.
- High crush and impact resistance.
- Maximum capacity up to 96 splices.
- In-line configuration with oval ports and reliable cable entry seals.
- Storage area for excess length of feeder cable loose tubes and Retractanet cable Picoflex fibre modules.
- 8 cable entry ports to maximize engineering flexibility.
- Mechanical cable entry seals provide excellent water tightness.
- Non craft sensitive and reliable.
- Watertight seal to IP 68.

### Kit Contents

- 1 x Closure
- 1 x Closure seal
- 2 x Splice trays
- 2 x Cable entry seal 4x 15 mm
- 100 x Splice protectors

### Additional Items

- Splice Trays
- Splice Protectors
- Mechanical Seals
- Gasket

### Configurations

Different base configurations can be supplied. Refer to data sheet OP041

## Technical Data

• Dimensions	560 x 230 x 100 mm
• Inner diameter cable entry ports	2 x oval port 58 x 28mm
• Material	Closure: Acid proof stainless steel (AISI 316) 1.5 mm Closure seal: Chloroprene rubber
• Splice tray capacity	2 trays XOKP 1024/48 with 48 splices each (96 splices)
• Temperature variation	IEC 60068-2-14; 2 cycles -30°C to +80°C: $\Delta\alpha < 0.1$ dB@1550 nm
• Damp heat	IEC 60068-2-14; + 60°C, RV 93%, 16 h: $\Delta\alpha < 0.1$ dB@1550 nm
• Climatic withstand test	IEC 60068-2-14; heat +85°C; RV 93%;16 h: $\Delta\alpha < 0.1$ dB@1550 nm IEC 60068-2-14; cold -30°C; 16 h: $\Delta\alpha < 0.1$ dB@1550 nm
• Corrosion test A sulphur dioxide	EN ISO 7384, ISO 3231; +40°C; RV saturated; SO <sub>2</sub> 0,067% by volume; 3x 120 h
• Corrosion test B salty mist	IEC 60068-2-52; +35°C; 1000 h
• Temperature range:	
• Transport and storage	-40°C to +50°C
• Installation	-10°C to +50°C
• Operation	-45°C to +80°C
• Fibre bending radius (mm):	minimum 30 mm
• Cable retention:	IEC 60794-1-E1: 1000 N
• Water immersion:	IP68 (No water ingress at 1 meter water pressure for 7 days)
• Impact resistance	IEC 60794-1-E4: 30 Nm @ 20 °C, radius 300 mm
• Crush resistance	1000 N @ 20 °C on top surface of the box
• Torsion resistance	IEC 60794-1-E7: 1000 mm length, $\pm 180^\circ$ : $\Delta\alpha < 0.1$ dB@1550 nm
• Drop	Drop height 5 meters on concrete: $\Delta\alpha < 0.1$ dB@1550 nm
• Application area	Group 1&2 in accordance with EN 124, 30 cm below surface level

## Logistics

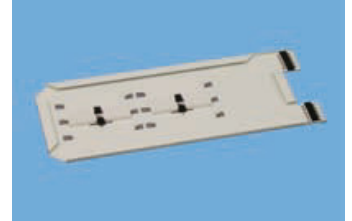
• Packing Dimensions (mm):	820 x 240 x 190
• Packed Weight (Kg):	7.66
• Net Weight (Kg):	6.80

## Additional Items

### Splice Tray XOKP 1024/48

Up to two additional splice trays can be fitted into the joint. The splice tray is for 48 heat shrink splice protectors and is covered by transparent acrylate cover.

**Prysmian Part No. – XJTSC00870** XOKP 1024/48 Splice tray – pack of 1



### Splice Protectors FT 290

Additional heat shrink splice protectors for single fibre with dimensions 61 mm x 2.6 mm (diameter). Splice protectors are supplied in packs of 100.

**Prysmian Part No. – XKTSC00540** FT290 sleeve 61 mm – pack of 100



### Mechanical Seals for Oval Entry Ports

For instances where larger cables are required to be installed into the joint ports the XOKO 2/20 enables two cables of max. diameter 20mm to be installed.

**Prysmian Part No. XJTSC0930** XOKO 2/20 cable sealing – pack of 1



### Rubber Gasket

A pare rubber gasket used when original gasket has to be replaced.

**Prysmian Part No. XJTSC00863** XOKO 1002 Rubber gasket – pack of 1



Please contact your local sales office listed on [www.prysmiangroup.com](http://www.prysmiangroup.com)

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