

TBE-I4: Tapping Box External Inline 4 drops

Prysmian Part Number: *See below*



The TBE-I4 Tapping Box is used to distribute the fibres from an in-line Retractable cable into drop cables, for routing to a customer premises. It is sealed to IP68, enabling it to be mounted in the underground environment. It has the capacity to accommodate an in-line cable of up to 13mm in diameter. The closure also provides the facility to accommodate sixteen fusion splices. The closure is re-enterable and can be supplied in grey or black.

Features and Benefits

- Can accommodate an in-line cable of up to 13mm in diameter.
- Ideal for the Retractable cable range (with extractable fibre elements).
- Can accommodate four drop cables of up to 9mm in diameter.
- Has a facility to splice and hold 16 splice protectors on a dedicated splice tray.
- Easy to install mechanical system using Gel to provide a seal to IP68.
- The closure can be re-entered.
- Suitable for cable chamber applications.
- Impact and crush resistant.
- For use underground
- Non craft sensitive and reliable.
- Available in grey or black.

Kit Contents

The TBE-I4 Tapping Box is supplied with a splice tray and all accessories required for the complete installation of four cables. All fittings to fix the product to a wall are also included.

Additional Items

- Splice Protectors
- Pole Mounting Bracket

Part Numbers

- **XJTSC01540** – Grey
- **XJTSC01544** – Black

Technical Data

- Number of cable ports: 4 circular and 1 inline port
- Maximum cable diameter (mm): 13mm for the inline cable – 9mm for the drop cables
- Maximum number of splice trays: 1
- Maximum fibre capacity of Joint: 16
- Required space envelope (mm): 220 x 95 x 35mm
- Operating temperature: -25°C to + 70°C (5 to 95% RH)
- Material: Polypropylene
- Colour: Black or Grey
- Testing: -
 - Closure sealing: IP68
 - Fibre bending radius (mm): minimum 15 (ITU-T G.657 A2 fibre)
 - Cable retention: IEC 61300-2-4 [4]

Logistics

- Packing Dimensions (mm): 235 x 221 x 38
- Packed Weight (Kg): 0.34
- Net Weight (Kg): 0.28

Additional Items

Heat Shrink Splice Protectors

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

Prysmian Part No. - XPESC00053 (pack of 50)
- XKTSC00050 (pack of 12)



Rubber Seal

The rubber seal wrap-around 3.5/1.25 is used to seal the space between drop tubes with an inner diameter of 3.5 mm and a fibre module of diameter 1.25 mm. The seal also provides a tension relief on the fibre module. The seal has a longitudinal slit to enable wrap-around mounting after the fibre module is installed in the drop tube.

Prysmian Part No. – XJTSC01441 (pack of 500)



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