

RetractaNet^{XS} TBE-I4 ST Tapping Box

Prysmian Part Number: XJTSC01937



The RetractaNet^{XS} TBE-I4 ST Tapping Box is used to breakout and distribute the fibres from an in-line Retractanet cable into drop tubes, for routing to a customer premises. It can be mounted in the outdoor environment, and has the capacity to accommodate an in-line Retractanet cable of up to 15 mm in diameter. It enables a window to be cut in the cable to access the fibres, which can be spurred of into maximum 4 drop tubes of 6 to 7mm in diameter.

The tapping box has a unique fibre module breaking mechanism that avoids fibre modules being pulled out of the customer premises FTU in case of damage to the main Retractanet cable. This unique feature enables , in case of damage that the fibre unit connection to each house can always be repaired outside the house without having to enter customer premises.

Features and Benefits

- Can accommodate an in-line Retractanet cable of 15 mm in diameter.
- Can accommodate four drop tubes of 6 to 7 mm in diameter.
- Easy and fast to install, no loose components to mount.
- Suitable for direct buried applications.
- Suitable for façade and aerial applications
- Impact and crush resistant.
- Non craft sensitive and reliable.
- Unique fibre module breaking mechanism strongly reducing repair cost and time.

Kit Contents

The TBE-I4 ST Tapping Box contains a tapping box with integrated cable clamps and cable seals.

Additional Items

- Cable retention bung

Technical Data

• Dimensions	185 x 113 x 38 mm
• Colour	Black
• Material	Polypropylene
• Temperature range:	
• Transport and storage	-10°C to +50°C
• Installation	-10°C to +50°C
• Operation	-20°C to +60°C
• Number of Cable Entries:	1 in-line, 4 drops
• In Line Cable Diameter (mm):	13.5 to 15.5
• Drop Cable Diameter (mm):	6.0 to 7.0
• Fibre bending radius (mm):	minimum 15 (ITU-T G.657 A2 fibre)
• Cable retention:	15 mm cable: 350 N 7 mm drop tube: 150 N
• Sealing:	IP 40 (sand tight)
• Impact resistance	10 Nm @ 20 °C, radius 200 mm
• Crush resistance	1000 N @ 20 °C on top surface of the box
• UV resistance	700hrs to ISO 4892 part 3 cycle 4
• Application area	Underground, wall or façade. 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):	200 x 130 x 53
• Packed Weight (kg):	0.35
• Net Weight (kg):	0.30

Additional Items

Cable Retention Bung

The rubber bung wrap-around 3.5/1.25 is used to provide cable retention for fibre module of diameter 1.25 mm in a 7/3.5 mm drop tube. The bung has a longitudinal slit to enable wrap-around mounting after the fibre module is installed in the drop tube.



Prysmian Part No. – XBFSC01380

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