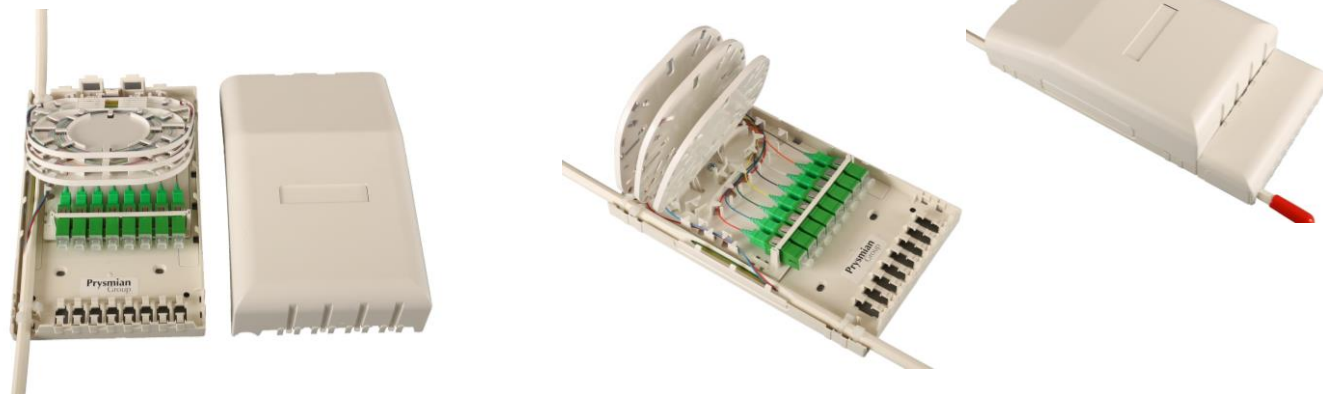# PBI 8SC

Prysmian Part Numbers: *See Below*

The PBI-8SC is a riser box designed for use within apartment blocks and mid/high rise office blocks. The unit houses three splice trays and up to 8 SC type pigtails and adapters. Each splice tray is able to accommodate 12 fibre splices. An in-line cable entry port enables the box to be installed onto an in-line riser cable and up to 24 drop ports are available for drop cables of up to 5mm in diameter.

Features and Benefits

• Allows splicing from in line or butt cables to customer drop cables.

• Suitable for two butt or one inline cable of up to 15mm in diameter.

• In line cables enter the unit on the left hand side.

• 24 drop cables (OD 5 mm) can be spliced. Drop cables exit the unit from the bottom face.

• The drop cable entries are suitable for cables or tubes from 2.5 to 5 mm in diameter.

• Up to 8 pre-connectorized drop cables can be accommodated using SC type connectors.

• Up to 12 fusion splices can be accommodated into each of the splice trays.

• Can accommodate optical splitters. Contact Prysmian for further details.

• Cable management ensures a 20mm minimum bend radius.

• Easily installed and fitted to the wall or inside a riser.

• Suitable for internal use only and manufactured from UL94-V0 rated material.

• Input and output cables are retained using cable ties.

Kit Contents

• The PBI-8SC is supplied with a base, cover, 3 splice trays, 8 SC adapters and 8 SC pigtails, cable ties for fixing the in-line cable and wall fixings.

•**Note** Splice protectors and cable ties to secure the drop cables are not supplied and must be ordered separately.

Additional Items

• Cable Ties (for fixing drop cables)

• Splice Protectors

Part Numbers

• **XCPSC03167** – 1 tray, 8 SC/APC Adapters

• **XCPSC03168** – 3 trays, 8 SC/APC Adapters

• **XCPSC03169** – 1 tray, 8 SC/PAC Pigtails + Adapters

• **XCPSC03170** – 3 Trays, 8 SC/APC Pigtails and Adapters

Technical Data

- No of Splice Trays: 3
- Max capacity (fibres)   36
- Max diameter of in line cable: 15mm
- Max no. of Connectorized Drops: 8
- Drop Cable Connector Type: SC
- Max number of drop cables: 24
- Max diameter of drop cables: 5mm
- Required space envelope (mm): (h) 210 x (w) 130 x (d)60
- Operating temperature: -20°C to + 60°C (5 to 95% RH)
- Material: FR ABS
- Colour: White RAL 9016
- Flammability rating: UL94-V0

Logistics

- Packing Dimensions (mm):   (h) 230
                               (w) 150
                               (d) 75
- Packed Weight (kg):   0.45
- Net weight (kg):   0.40

Additional Items

Cable Ties

Cable ties are used for securing drop cables in to the box. The cable ties are 100mm in length and 2.5mm wide.

Prysmian Part No. – XKTSC00370 (Bag of 100)

Heat Shrink Splice Protectors

Splice protectors are used to protect the fibre splice. They are 2.4mm in diameter and 45mm in length.
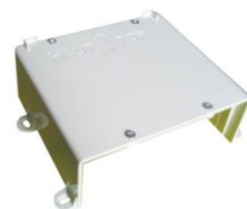
Prysmian Part No. – XKTSC00050 (pack of 12)
              XPESC00031 (pack of 50)

Wall Support

An optional kit to mount the PBI to the wall. The wall support enables fixing of the PBI onto a plate allowing cables to pass underneath. The kit contains the fixings necesary to mount the PBI.

Prysmian Part Number - XCPSC02088

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