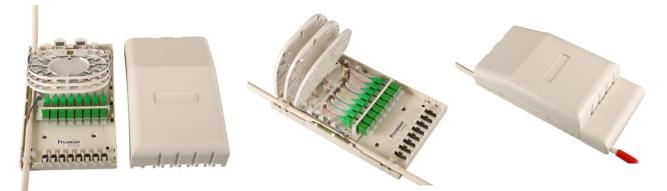


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# Product Design

## Product code – see below



### PRODUCT DESCRIPTION

The PBI 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/LC type pigtails and adapters. Each splice tray can 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 16 drop ports are available for drop cables of up to 5mm in diameter.

### **DESIGN & CONSTRUCTION**

- 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.
- 16 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 16 pre-connectorized drop cables can be accommodated using SC/LC 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.
- $\cdot$  ~ Input and output cables are retained using cable ties.

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#### **Kit Contents**

 $\cdot$  The PBI is supplied with a base, cover, 3 splice trays, 8 SC/LC adapters and 8 SC/LC 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 (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/APC Pigtails + Adapters
- XCPSC03170 3 Trays, 8
   SC/APC Pigtails and Adapters
- XCPSC03638 3 Trays, 8 LC/APC Adapters
- XCPSC04850 3 Trays, 8 LC/UPC Pigtails and Adapters

# PBI®



(h) 230
(w) 150
(d) 75
0.45
0.40

# Technical Data

|  | No of Splice Trays:             | 3                             | Lo | gistics                  |
|--|---------------------------------|-------------------------------|----|--------------------------|
|  | Max capacity (fibres)           | 36                            |    |                          |
|  | Max diameter of in line cable:  | 15mm                          |    | Packing Dimensions (mm): |
|  | Max no. of Connectorized Drops: | 16 (LC)                       |    |                          |
|  | Drop Cable Connector Type:      | SC/LC                         |    |                          |
|  | Max number of drop cables:      | 16 (LC)                       |    | Packed Weight (kg):      |
|  | Max diameter of drop cables:    | 5mm                           |    | Net weight (kg):         |
|  | Required space envelope (mm):   | (h) 210 x (w) 130 x (d)60     |    |                          |
|  | Operating temperature:          | -20oC to + 60oC (5 to 95% RH) |    |                          |
|  | Material:                       | FRABS                         |    |                          |
|  | Colour:                         | White RAL 9016                |    |                          |
|  | Flammability rating:            | UL94-VO                       |    |                          |
|  |                                 |                               |    |                          |

# Additional Items

### Cable Ties

Cable ties are used for securing drop cables into 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 necessary to mount the PBI.

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Prysmian Part No. - XCPSC02088

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