



## 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.
- Input and output cables are retained using cable ties.

### Kit Contents

- 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

# Technical Data

· No of Splice Trays:		3	Logistics	
· Max capacity (fibres)		36		
· Max diameter of in line cable:		15mm	· Packing Dimensions (mm):	(h) 230
· Max no. of Connectorized Drops:		16 (LC)		(w) 150
· Drop Cable Connector Type:		SC/LC		(d) 75
· 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:		FR ABS		
· Colour:		White RAL 9016		
· Flammability rating:		UL94-V0		

## 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.

Prysmian Part No. – XCPSC02088

