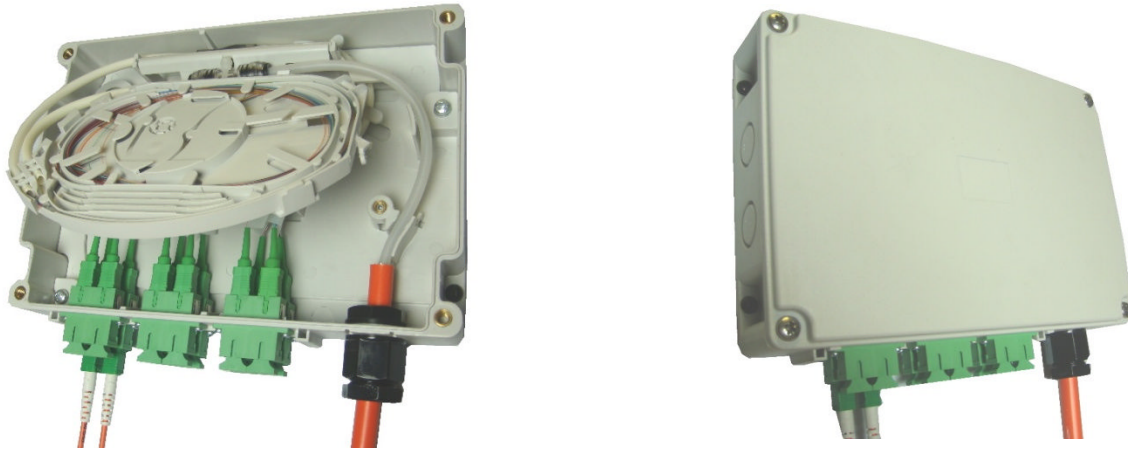


## Internal Customer Splice Box

**Prysmian Part Numbers: See Table on page 2**



The Internal Customer Splice Box is designed for use in residential, small or large businesses premises. The unit houses a single splice tray and allows fibres from internal or external cables to be spliced to pigtails for connection to an adapter panel with exit patch-cords at the bottom protected by a snap on cover.. The unit can be quickly installed within a home, office or communication room environment. The internal or external cable can enter the unit from the bottom of the box or through the wall.

### Features and Benefits

- Compact wall mounted unit used for residential, small or large business premises.
- Removable cover for easy access.
- Tamperproof security screws available as an option (refer to optional items).
- Unit manufactured from fire resistant UL94-V0 material.
- Single hinged splice tray enables access for working. Tray cover provides circuit protection and contains fibre ID label.
- Pigtails exit from the bottom of the unit.
- Up to 12 SC type pigtails and adapters can be accommodated. Other connector types are available on request. Please contact Prysmian for further information.
- All fibre are positively bend managed to a 30mm minimum bend radius.
- Cables up to 13mm in diameter can be accommodated with a cable gland. Diameters up to 18mm can be accommodated using a port adapter supplied. Cables can also enter the unit through the wall.
- If external cable is terminated, cable interstices can be sealed against the ingress of water/gas at the entry port using a quick set resin (optional item – Sealing Resin).
- Compatible with Blown Fibre products. Note: for certain application where external Blown Fibre tubing is terminated, a Gas Seal Connector (not supplied) will be required to seal the tube (refer to optional items).

### Kit Contents

The Internal Customer Splice Box is supplied with one splice tray, wall fixings, cable entry gland, installation instructions, splice protectors and pigtails and adapters where required.

**Note:** The box can be supplied to accommodate either Heat Shrink or Mechanical Crimp splice protectors.

### Additional Items Required

- None

### Additional Items Optional

- Gas Seal Connector
- Security Screw Kit
- Sealing Resin
- Customer Lead In Unit

## Technical Data

- Number of Splice Trays: 1
- Maximum Fibre Capacity: 12
- Maximum Cable Diameter (mm): 18
- Required space envelope (mm): (w) 220 x (h) 150 x (d) 50.
- Operating temperature: -20°C to + 50°C (5 to 95% RH)
- Material:-
  - Internal Box FR ABS Light Grey RAL 7035
  - Splice tray: FR ABS Light Grey RAL 7035
- Testing:-
  - Optical: Tested 1310nm,1550nm and 1625nm
  - Dry heat: BS EN 60068-2-2 Test Bb
  - Damp heat: IEC 60068-2-3: 1969
  - Change of temperature: IEC 60068-2-14: 1984
  - Vibration: IEC 60068-2-6: 1995
  - Shock: IEC 60068-2-27: 1987

## Logistics

- Packing Dimensions (mm): (w) 230 x (h) 160 x (d) 60
- Packed Weight (kg): 0.55
- Net weight (kg): 0.50

## Part Numbers

Connector Type	Part Number	
	Heat Shrink Splice Protector	Mechanical Crimp Splice Protector
Supplied with no pigtails and adapters	<b>XCPSC00291</b>	<b>XCPSC00500</b>
4 x SC/UPC pigtail and adapter	<b>XCPSC00292</b>	<b>XCPSC00501</b>
4 x SC/APC pigtail and adapter	<b>XCPSC00293</b>	<b>XCPSC00502</b>
8 x SC/UPC pigtail and adapter	<b>XCPSC00294</b>	<b>XCPSC00503</b>
8 x SC/APC pigtail and adapter	<b>XCPSC00295</b>	<b>XCPSC00504</b>
12 x SC/UPC pigtail and adapter	<b>XCPSC00296</b>	<b>XCPSC00505</b>
12 x SC/APC pigtail and adapter	<b>XCPSC00297</b>	<b>XCPSC00506</b>

## Additional Items Optional

### Sealing Resin

Used to provide a water and gas block at the cable entry. The resin pack fits into a standard single tube sealant gun (not supplied). One pack contains sufficient resin to seal in excess of 10 Splice Boxes, and is supplied with 2 application nozzles. The resin is re-usable such that the units can be sealed on different days.



**Prysmian Part No. – XKTSC00094**

### Gas Seal Connector

Used for sealing a Blown Fibre tube. The connector simply push fits over the tube providing a gas tight seal for tubes unpopulated tubes or tubes populated with a Blown Fibre Bundle.



**Prysmian Part No. – XAGSC00404 (Pack of 10)**

### Customer Lead In Unit (CLI)

Used to guide the input fibre cable through the wall into the Internal Termination Box



**Prysmian Part No. – XBFSC00092**

### Security Screw Kit

Provides secure, restricted access to prevent unauthorised entry. A special tool is required to gain access to the box.



**Prysmian Part No. – XAGSC00476 Security Screw**  
**- XAGSC00477 Security Tool**

Please contact your local sales office listed on [www.prysmiangroup.com](http://www.prysmiangroup.com)

© Prysmian Group 2014, All Rights Reserved.  
The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed correct at the time of issue. Prysmian Group reserves the right to amend this specification without notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.