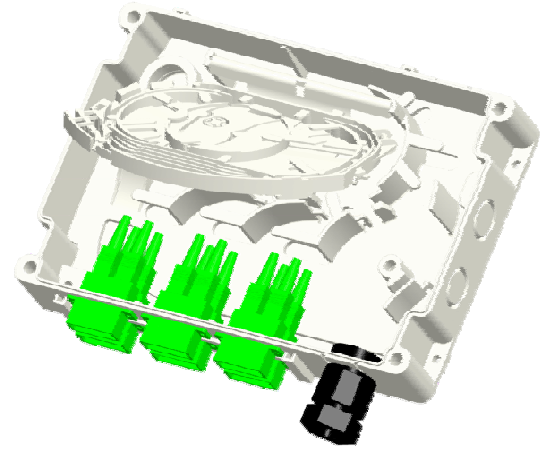
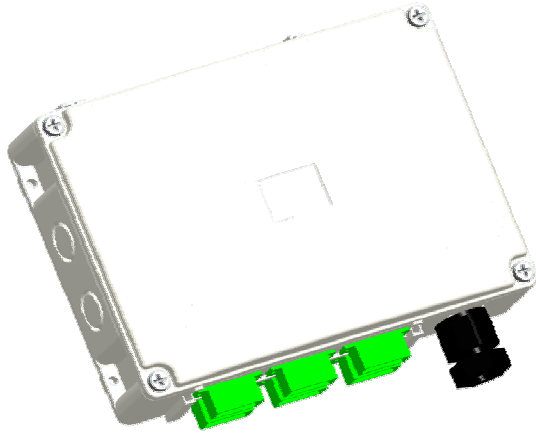


Internal Customer Splice Box

Prysmian Part Numbers: *See Table on page 2*



The OAsys Internal Customer Splice Box is designed for use in residential, small and 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 the optical network unit. 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 and 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 – Resin Pack and disposable funnel kit).
- 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 OAsys 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
- Resin Pack
- Customer Lead In Unit

Technical Data

- Number of Splice Trays: 1
- Maximum Fibre Capacity: 12
- Maximum Cable Diameter (mm): 18
- IP Rating: 45
- 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	XCPSC00291	XCPSC00500
4 x SC/UPC pigtail and adapter	XCPSC00292	XCPSC00501
4 x SC/APC pigtail and adapter	XCPSC00293	XCPSC00502
8 x SC/UPC pigtail and adapter	XCPSC00294	XCPSC00503
8 x SC/APC pigtail and adapter	XCPSC00295	XCPSC00504
12 x SC/UPC pigtail and adapter	XCPSC00296	XCPSC00505
12 x SC/APC pigtail and adapter	XCPSC00297	XCPSC00506

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Additional Items Optional

Resin Pack and Disposable Funnel Kit

A kit contain containing a two part resin used for sealing the cable interstices within the unit. The disposable funnel is used to aid in the pouring of the resin into the port.

*Prysmian Part No. – XPESC00054 Resin Pack (Pack of 10)
- XAPSC00533 Disposable Funnel Kit (Pack of 10)*



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*



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