

Blown Fibre Generic Joint

Prysmian Part Number: *XAPSC00524*



Note: Splice Tray Modules are not supplied

The OAsys Blown Fibre Generic Joint is used in applications where Blown Fibre cables are required to be installed and spliced within the joint. The joint is fitted with a pressure relief valve to prevent accidental pressurisation of a sealed closure during Blown Fibre installation.

The joint is supplied without splice trays and accessories, and is therefore configured using OAsys Joint Upgrade Kits, General Accessories and Blown Fibre Accessories.

Features and Benefits

- The joint has a capacity of 30 splice trays which is upgradeable to 54 trays, using an OAsys Long Cap Conversion Kit.
- All fibres are positively managed to maintain a 30mm minimum bend radius within the joint.
- Fully compatible with Sirocco™ Blown Fibre product range
- The closure base has 6 circular entry ports and one oval entry port for mid span breakout applications.
- Cables up to 30mm in diameter can be installed into each port.
- All cables are sealed using adhesive lined heatshrink sleeves. The base entry ports are pre-shot blasted and configured with easy knock out ends, eliminating the need for cutting and abrading.
- The joint is quickly and easily re-enterable without the need of further consumables. The sealing clamp can be locked if required.
- The closure base is pre-fitted with a pressure relief valve which prevents accidental pressurisation of a sealed closure during Blown Fibre installation.
- Each joint is supplied as an empty closure which can be configured to meet the network requirement using OAsys External Plant Upgrade Kits, Accessories and Blown Fibre Accessories.
- A number of mounting bracket options are available for securing the joint.

Kit Contents

The OAsys Blown Fibre Generic Joint contains a pressure relief valve.

Note: Splicing modules, cable installation and routing kits and splice protectors are not supplied with the closure.

Additional Items

- OAsys Splicing Modules
- OAsys Splitting Modules
- OAsys External Plant Upgrade Kits
- OAsys Accessories
- OAsys Blown Fibre Accessories

Technical Data

- Number of cable ports: 6 (circular), 1 (oval)
- Maximum cable diameter (mm): 30
- Maximum splice tray capacity: 30 (short cap), 54 (long cap)
- Maximum fibre capacity: 432 (8/tray), 648 (12/tray)
- Required space envelope (mm): (l) 490 x (Ø) 270
- Operating temperature: -20°C to + 50°C (5 to 95% RH)
- Material:-
 - Cap: Polypropylene
 - Base: Phenolic resin
 - Metalwork: Mild steel, zinc plate clear passivate
- Testing:-
 - Closure sealing: IP68 - BT specification LN450B
 - Optical: Tested at 1310nm and 1550nm
 - 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) 535 x (d) 305 x (h) 305
- Packed Weight (kg): 5.1
- Net weight (kg): 4.0

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Generic Joint Mounting Brackets

Hinged Mounting Bracket

The OAsys Hinged Mounting Bracket is used for the horizontal storage of the joint within an underground jointing chamber. The bracket can be hinged vertically and the closure raised upwards to a position above the pavement level, providing 360o access for working on the joint. On completion the joint is easily lowered and the bracket returned to the horizontal position.

Prysmian Part No. – XAPSC00525



Wall Bracket

The OAsys Joint Wall Bracket allows an OAsys Standard Joint to be mounted vertically against a wall face or bulk head. The bracket is secured using either bolts or screws (not provided). All jointing operations can be carried out whilst the joint is mounted in the bracket.

Prysmian Part No. – XPBSC00021



Support Tool

The OAsys Joint support tool allows the user to support any OAsys joint within a portable workbench. The bracket is designed to fit most commercially available workbenches. It is dimensioned to enable a splicing machine to be placed on the workbench for close access to the OAsys splicing trays.

Prysmian Part No. – XAPSC00539



Generic Joint Upgrade Kits

Splicing Module (SOSA) SE6

The OAsys SOSA SE6 is a module of 6 single element splice trays used to increase the capacity of the Generic Joint by up to 72 fibres. Each splice tray is capable of accommodating up to 12 spliced fibres.

Prysmian Part No. – XAPSC00503



Splicing Module (SOSA) SE4

The OAsys SOSA SE4 is a module of 4 single element splice trays used to increase the capacity of the Generic Joint by up to 48 fibres. Each splice tray is capable of accommodating up to 12 spliced fibres.

Prysmian Part No. – XPFSC00245



Splicing Module (SOSA) SC4 2B

The OAsys SOSA SC4 2B is a module of 4 single circuit splice trays. The module is pre-fitted with a multi breakout manifold, which allows fibres from cable elements to be broken down into groups for single circuit working.

Prysmian Part No. – XPFSC00199



Branch Upgrade Kit

The OAsys Branch Upgrade Kit enables one additional cable of up to 144 fibres to be installed into the Generic Joint. It contains all of the components required to prepare, install and route the cable fibres onto the splice trays.

Prysmian Part No. – XPBSC00235



Oval Port Upgrade Kit

The OAsys Oval Port Upgrade Kit enables two loose tube cables to be installed into the oval port of an OAsys Standard Joint. It contains all accessories required to install the cables and route the fibres to the splice trays on a single element basis.

Prysmian Part No. – XPBSC00236



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Generic Joint Upgrade Kits cont.

Loop Upgrade Kit

The OAsys Loop Upgrade Kit enables a 3.8m continuous loop of loose tube cable elements from a mid span cable section to be installed into an OAsys Generic Joint. It contains accessories to breakout and route the fibres from one element of the loop, to the splice trays on a single circuit basis.

Prysmian Part No. – XPBSC00237



240 Fibre Branch Kit

The OAsys 240 Fibre Branch Kit enables one 240 fibre cable (30 loose tube elements) to be installed into an OAsys Generic Joint, and the fibres managed and routed onto the splice trays.

Prysmian Part No. – XPBSC00234



Long Cap Conversion Kit

The OAsys Long Cap Conversion Kit is used to increase the splice tray capacity in OAsys Joints from 30 up to 54. A spine extension bar is used to extend the joint spine and provide mechanical support for the splicing modules above the 30 tray level.

Prysmian Part No. – XAPSC00534



3 Way Port Breakout Kit

The OAsys 3 Way Port Breakout Kit enables up to 3 cables to be installed into one circular port of an OAsys Generic Joint. The breakout comprises of 3 input tubes which can be cut individually to allow installation of a small cable (up to 10mm diameter).

Prysmian Part No. – XPBSC00185



Blown Fibre Distribution Kit

The OAsys Blown Fibre Distribution Kit is used to install Blown Fibre bundles into Blown Tubes installed in an OAsys Blown Fibre Generic Joint. The kit contains a Blown Fibre manifold for breaking out the bundle for routing to separate splice trays, and routing tube to protect the fibres.

Prysmian Part No. – XPFSC00200



Generic Joint Accessories

Splice Protectors

OAsys splice protectors are used to protect the fibre splice. They are 2.2mm in diameter and 45mm in length.

Prysmian Part No. - XPESC00053 (pack of 50)
- XKTSC00050 (pack of 12)



Universal Manifold 1x2

Used to breakout fibres into two separate working groups. A clear snap-on cover is supplied with each manifold to protect the fibres. The manifolds can be clipped together to form a stack or secured to a flat plate or surface using a 4mm diameter screw. Fibres are routed to and from the manifold using 5mm transport tube. Pack of 10

Prysmian Part No. – XPESC00017 (pack of 10)



Universal Manifold 1x4

Used to breakout fibres from a cable element into four separate working groups. Fibres are routed to and from the manifold using 5mm transport tube.

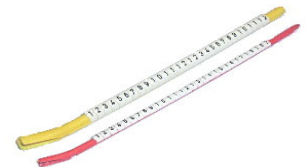
Prysmian Part No. – XPESC00030 (pack of 10)



Identification Collets – Spares Pack

Kit contains additional collets used for identifying loose tube cable elements and transport tube. The collets are supplied on application wands each with a single number, numbers 0-9 are supplied.

Prysmian Part No. – XPFSC00009



Transport Tube – 5 metre coil

Used for oversleeving and routing of fibres to the splice trays in OAsys joints. This tube is not for use in Exchange products. The tube is cut to the appropriate length by the user using a tube cutter.

Prysmian Part No. – XAGSC00420 (5 metre coil)



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Generic Joint Accessories cont.

Resin Pack

Kit containing a two part resin pack used for sealing cable interstices in external and customer plant applications. The resin can be poured directly into the joint or customer box cable port.

Prysmian Part No. – XPESC00054 (pack of 10)



Tube Water Blocking Kit

The OAsys Tube Water Blocking Kit is used to water block both the used and unused Blown Tubes within the OAsys Generic Joint.

Prysmian Part No. – XAPSC00531 (pack of 10)



Disposable Funnel Kit

Kit contains a disposable funnel which is used to aid in the pouring of resin, into a joint or customer box cable port.

Prysmian Part No. – XAPSC00537 (pack of 10)



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