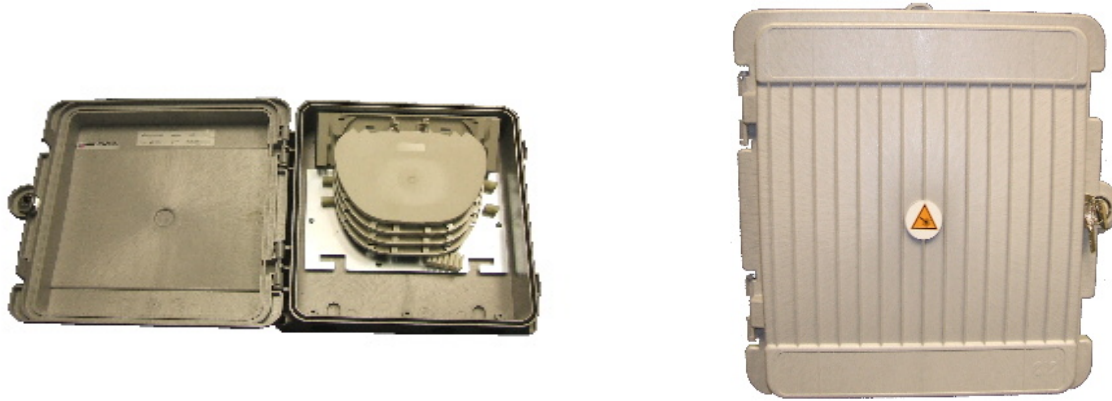


Internal/External Splice Only Box

Prysmian Part Numbers: *See Table on page 2*



The OAsys Int/Ext splice only box is designed for the splicing of optical cables in either internal or external applications. There are three units available 48 fibre, 96 fibre and 144 fibre all of which are wall mountable. The units are designed for splice only applications using 12F cassettes. The cassettes are hinged for easy access during splicing and maintenance. The units have multiple cable entry points for cables ranging from up to 18mm. The unit is supplied with a lockable hinged door and a rubber seal which gives an IP rating of 55.

Features and Benefits

- Compact and Robust Internal/External wall box
- IP55 rated
- Available in 48fibre, 96fibre and 144fibre versions.
- Hinged 12fibre cassettes for easy installation and maintenance.
- Lockable hinged lid for extra security.
- Heat shrink and crimp splice protectors available.
- Cable entry gland sizes range from 13mm up to 20mm.
- Up to 9 cable entry/exit points.
- All fibres are positively managed to a 30mm minimum bend radius.
- Compatible with Blown Fibre products. Note: for certain applications where external Blown Fibre tubing is terminated, a Gas Seal connector (not supplied) will be required to seal the tube. (see additional items).

Kit Contents

The Internal/External splice only box is supplied with 12fibre splice trays and wall fixings. A copy of our installation instructions is provided with each product.

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

Additional Items Required

- Splice protectors (Heat shrink or Crimp).

Additional Items Optional

- Splice Protectors Heat shrink
- Splice protectors Crimp
- Gas seal connectors
- Splitter cassettes

Technical Data

- Number of Splice Trays: 4, 8 or 12
- Maximum Fibre Capacity: 48, 96 or 144
- Maximum Cable Diameter (mm): 20
- IP Rating: 55
- Required space envelope (mm): (w) 272 x (L) 270 x (d) 100.
- Operating temperature: -20°C to + 50°C (5 to 95% RH)
- Material:-
 - External Box PC
 - Splice tray: PC
- 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) 300 x (L) 300 x (d) 120
- Packed Weight (kg): 2
- Net weight (kg): 1.50

Part Numbers

Internal/External Splice only Wall box	
48 Fibre	XCPSC00472
96 Fibre	XCPSC00473
144 Fibre	XCPSC00474

Additional Items Optional

Splice Protectors

OAsys splice protectors are used to protect the fibre splice. They are 2.4mm in diameter and 45mm in length. Only needed for applications where more than 4 splices are required.

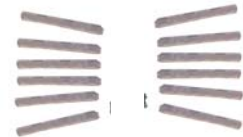
Prysmian Part No. - XPESC00031 (pack of 50)



Crimp Splice Protectors

OAsys Crimp Splice Protectors are used to protect the fibre splice. They are 1.3mm wide x 3.2mm high x 30mm long.

Prysmian Part No. – XKTSC00079 (pack of 12)
XKTSC00078 (pack of 50)



Gas Seal Connectors

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)

Prysmian Telecom Cables & Systems UK Ltd, Chickenhall Lane, Bishopstoke, Hants SO50 6YU, UK

Technical Enquiries +44 (0) 2380 608760 Fax Number +44 (0) 2380 608769

© PRYSMIAN 2007. 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. The information is believed correct at the time of issue. Prysmian reserves the right to amend this specification without notice. This specification is not contractually valid unless specifically authorised by Prysmian.

Issue 01, Nov 2007
Ref: WM029