

Customer Lead-in Unit (FTTh version)

Prysmian Part Number: *See Table Below*



**Single Blown Tube
Cable Installation**



**Optical Cable
Installation**

The OAsys Customer Lead In unit (CLI) is designed for use in residential and small business premises to manage the entry of cables into buildings. The unit can be used for a single blown tube cable entry or a single optical cable entry up to a diameter of 13mm.

Features and Benefits

- Ergonomic design
- All fibres are positively managed to maintain a 30mm minimum bend radius.
- Prevents the accidental damage of optical cables during installation through walls, and therefore eliminates return to site costs due to fibre breaks / macro bending
- Transition point between external grade tubing to Internal low smoke tubing.
- Gas / Water block facility for a single tube cable
- Removable cover for easy access.
- Internal unit manufactured from fire resistant UL94-V0 rated material.

Kit Contents

- 1 x External CLI unit
- 1 x Internal CLI unit
- 1 x 25mm conduit Tubing
- Installation Instructions

Additional Items

- Gas Block connector
- Resin Pack

Part Numbers

XBFS00092 – Single Blown Tube Cable Installation

XBFS00095 – Optical Cable installation.

Technical Data

- Number of cable ports: 1
- Maximum cable diameter (mm): 13mm
- Maximum Capacity: 1 Tube (5mm Dia)
- Maximum no. of customer feeds: 1
- Required space envelope (mm):
 - Internal Unit (L) 65 x (W) 26 max x (D) 15 - **(1 Tube Cable Version)**
 - Internal Unit (L) 180 x (W) 36 x (D) 36 - **(13mm cable Version)**
 - External Unit (L) 180 x (W) 36 x (D) 36
- Operating temperature: -20°C to + 50°C (5 to 95% RH)
- Material Internal Unit:-
 - Cover: PC ABS
 - Base: PC ABS
- Material External Unit:-
 - Cover: FR ABS
 - Base: FR ABS
- Testing:-
 - Optical: Tested 1310nm,1550nm and 1625nm
 - Shock: IEC 60068-2-27: 1987

Logistics

- Packing Dimensions (mm): (l) 250 x (w) 100 x (d) 100
- Packed Weight (kg): 0.5
- Net weight (kg): 0.25
- Installation Instructions included

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Additional Items

4F Compact Termination Box

Used to terminate up to 4 fibres using connectorised pigtails



Internal Unit can attach to 4f Termination Box (as shown)

Prysmian Part No. – XCPSC00097 – See Data Sheet WM001

Gas Block Connector

Used for gas sealing a populated Blown Fibre tube within the OAsys Blown Fibre Gas Seal Unit. The connector simply push fits over the tube providing a gas tight seal for tubes (unpopulated) and tubes with installed Blown Fibre bundle (populated). The device allows fibre to be 'blown through' into the customer premises. A sealing device is activated externally to seal the tube/bundle.



Prysmian Part No. – XBFSC00077 (pack of 10)

Resin Pack

Kit containing a two part resin pack used for sealing cables interstices in the unit.

Prysmian Part No. – XPESC00054 (pack of 10)



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