

## Single Tube Gas Block Housing

**Prysmian Part Number: XBFSC00134**



The Single Tube Gas Block Housing is a wall mounted unit that is positioned internally at the cable entry point. An incoming external blown tube cable is connected to an internal blown tube cable using a gas sealing connector. The connector is used to seal both populated (with blown fibre bundle) and unpopulated blown tubing to prevent the ingress of gas into the building.

The BFGSU is used for internally fed cable or with an OAsys CLI Unit for a cable entering through the fabric of the wall.

### Features and Benefits

- Compact, low profile, wall mounted unit typically used in customer Premises.
- Unit manufactured from fire resistant material to UL94-V0.
- Supplied with components to mount unit to a wall and secure external cable.
- Gas sealing connector used to provide connection of external and internal blown tubing. Connector provides a gas tight seal for populated (with Sirocco® blown fibre bundle) and unpopulated tubes. Gas seal connectors are supplied separately (refer to additional items).
- Accommodates up to one 1 tube external Sirocco® Blown Cable, and up to one Internal blown distribution cable
- For external cables fed via the wall fabric, an interface to an OAsys Internal Customer Lead In is required.
- Can be used in conjunction with sirocco tube connector (refer to additional items).
- Allows for direct interface with 4F Termination Box (see data sheet WM001).

### Kit Contents

- Wall fixings
- Single Tube Gas Block Housing

**NOTE:** Gas Block Connectors and Tube Sealing Caps are not supplied in kit.

### Additional Items

- Gas Block Connector
- Tube Sealing Caps
- 5 to 5 Tube Connectors

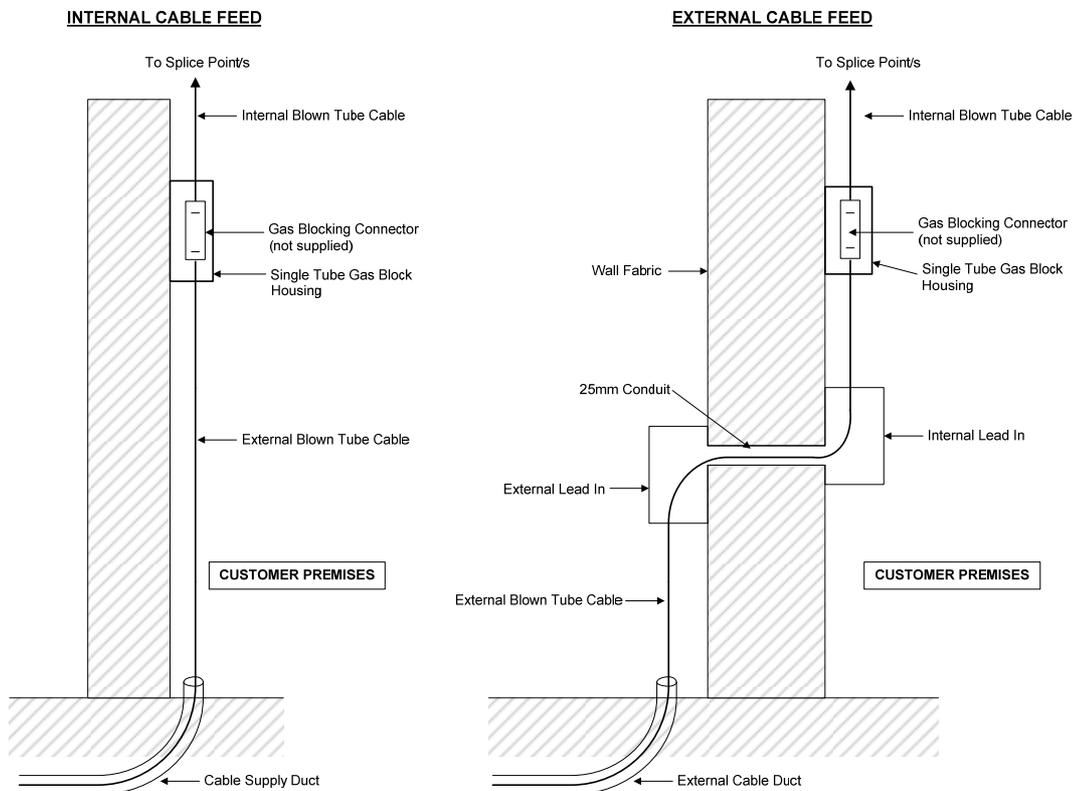
## Technical Data

- Maximum capacity:-
  - External cable: One 1 tube cable
  - Internal cable: One 1 Tube Cable
- Required space envelope (mm): (w) 25 x (d) 25 x (h) 90
- Operating temperature: -20°C to + 50°C (5 to 95% RH)
- Material: FR ABS
- Colour: White
- Flammability rating: UL94-V0
- Testing:-
  - Optical: Tested at 1310nm and 1550nm
  - Dry heat: BS EN 60068-2-2 Test Bb
  - Damp heat: IEC 68-2-3
  - Change of temperature: IEC 68-2-14

## Logistics

- Packing Dimensions (mm): (l) 185 x (w) 130 x (d) 30
- Packed Weight (kg): 0.2
- Net weight (kg): 0.1

## Application Information



## Additional Items

### 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. – XAGSC00404 (pack of 10)**

### Sirocco Tube Connector – 5-5mm

Used for simple push fit connection of 5mm to 5mm Sirocco tubing. Can be used in external plant and with internal Sirocco tubing of customer premises plant where gas sealing is not required.

Usage – 1 per tube connection. Pack Of 10

**XAGSC00462**



**XBFSC00075**



### 4F Compact Termination Box

The 4 Fibre Compact Termination Box is designed for use in residential and business applications for the termination of up to four fibres. The wall box enables the installation of either a single Sirocco Blown Tube cable using up to a 4 fibre blown unit or two 2 fibre ruggedised cables to be spliced to four SC pigtails (PC or APC), which connect to adapters at the base of the unit.

**Prysmian Part No. – XCPSC00097 – See Data Sheet WM001**



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

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

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