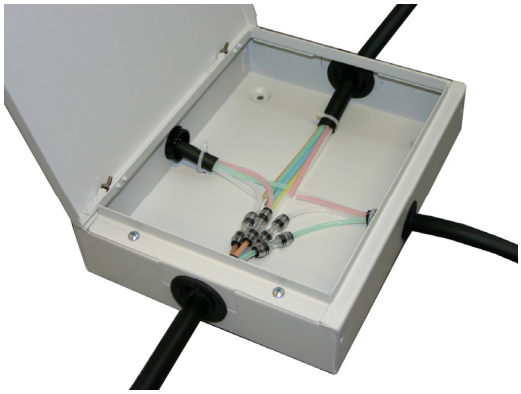
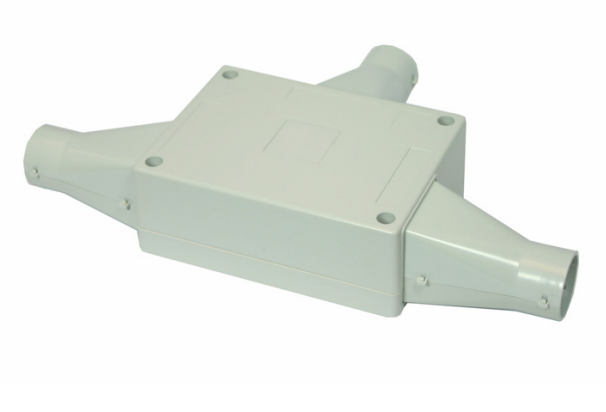
Internal TDU

Prysmian Part Number: ***See below***



Internal TDU (Metal Construction)



Internal TDU (Plastic Construction)

The Internal Tube Distribution Units (TDU's) are used as a 3 or 4 way distribution point for tube management for vertical / horizontal connections of blown fibre tube cables. The TDU's allow the interception of a Blown Fibre Cable to be connected to spur off cables for distribution within the internal environment.

Features and Benefits

Metal Construction:

- Ports can accept up to a 24 way Low Fire Hazard tube bundle
- Allows Individual Tube Breakout and tube re-routing on vertical / Horizontal Planes.
- Interception of existing part populated tube bundle is possible.
- External / Internal interface interstitial gas blocking is possible.
- Unit is lockable to prevent unauthorised access
- All parts made from Flame retardant materials

Plastic Construction:

- Ports can accept up to a 19 way Low Fire Hazard tube bundle
- Allows Individual Tube Breakout and tube re-routing
- All Tubes positively bend managed to prevent bend beyond minimum bend radius (set to 12 times the tube outer diameter)
- Interception of existing part populated tube bundle is possible.
- External / Internal interface interstitial gas blocking is possible.
- All parts made from Flame retardant materials

Kit Contents

Each kit contains all of the required materials to install and intercept a blown fibre Tube cable (Note Kit does Not include tube connectors)

Additional Items

- Sirocco Tube Connector – 5-5mm
- Sirocco Gas Seal Connector – 5-5mm
- Sirocco Tube Sealing Cap – 5mm

Part Numbers:

- Metal Construction:

  XCPSC00178 (4 Way)

- Plastic Construction:

  XBFSC00026 (3 Way)
  XBFSC00025 (4 Way)

Technical Data

Maximum input cable diameter (mm):	32mm (Metal Construction)
	28mm (Plastic Construction)
• Maximum Capacity:	24 Tubes (Metal Construction)
	19 Tubes (Plastic Construction)
• Required space envelope (mm):	
• Metal Construction	(L)325 x (W)250 x (D)80
• Plastic Construction (3 Way)	(L)390 x (W)240 x (D)68
• Plastic Construction (4 Way)	(L)520 x (W)280 x (D)70
• Operating temperature:	-20°C to + 50°C (5 to 95% RH)
• Material:-	
• All Plastic Components :	FR High Impact Polystyrene
• All Metal Components :	Mild Steel Painted to RAL7035

Logistics

• Packing Dimensions (mm):	(l)400 x (w)300 x (d)100
• Packed Weight (kg):	2.5
• Net weight (kg):	2.2
• Installation Instructions included	

Additional Items

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

Sirocco End Cap – 5mm

Used for Terminating unused 5mm Sirocco tubing entering a customer premises and provides a gas tight seal to unpopulated tubes.

Usage – 1 Per unused sirocco tube. Pack of 10.

XAGSC00406

XBFSC00149

Sirocco Gas Seal Connector 5–5mm

Used for gas sealing Sirocco Tubing entering a customers premises. The connector is used with Oasys customer Premises Plant and provides the interface between external and internal sirocco tubing. The connector simply push fits over the tube providing a gas tight seal for tubes (unpopulated) and tubes with installed sirocco units (populated). The device allows fibre to be 'blown through' into the customers premises.
A sealing device is activated externally to seal the tube / unit.

Usage – 1 Per sirocco tube. Pack of 10.

XAGSC00462

XBFSC00075

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 2008. 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.