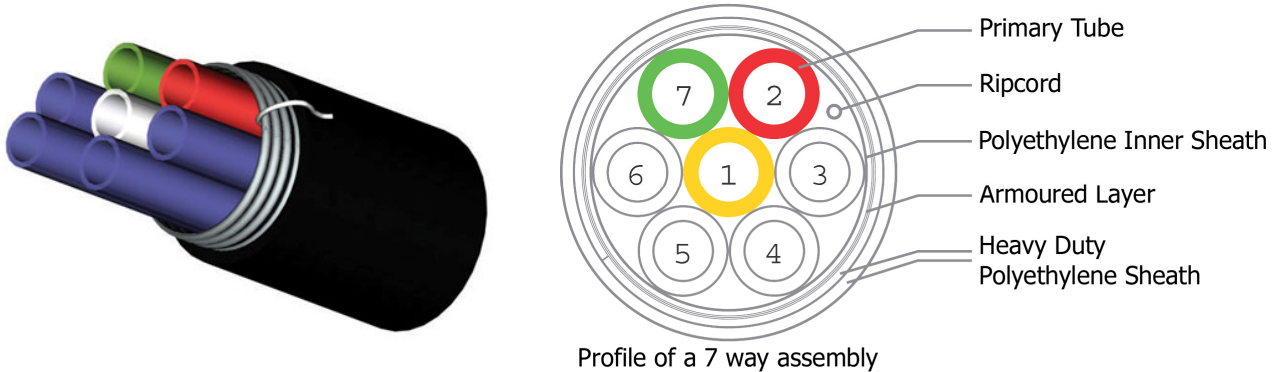


Sirocco Tubes (External) - Direct Bury Armoured Assembly

Prysmian Part Number: See Following Page



Empty HDPE low friction tubes of small diameter for blown fibre installations in last-mile, industrial and campus applications.

- Rapid dedicated customer connect using proven mechanical protection of HDPE.
- Low friction internal coating for maximum fibre blowing distance.
- 5 mm O/D, each tube accommodates up to a 12 fibre unit.
- Outdoor versions available in different constructions – direct install, heavy duty, steel armour, anti-termite, anti-rodent.
- Recommended for more onerous direct burial applications where corrugated armour layer provides maximum protection.
- Individual tubes available in opaque or translucent material for fibre visibility.
- Choice of colours, can be customised to suit user requirements.
- Supplied on wooden drums. Each drum can contain either one continuous length of tube or multiple lengths for simultaneous installation.

Benefits

Simplified Planning

- Network is built according to today's needs.
- Fibre count can be increased as demand grows.

Cost Effective

- Pay as you grow – install empty tubes and only pay for fibre as and when required, spreading capital investment overtime.
- Reduced splicing – minimises branching and splicing of traditional networks thus reducing engineering costs.
- Continuous upgrade and repair of network with minimal installation cost and disruption.

Increased Flexibility

- Future proof network build.
- Networks are easily upgraded, branched or extended, giving maximum flexibility and uninterrupted fibre blowing right to the destination.
- Simplified emergency restoration.

Multi-tube Direct Bury Armoured Assembly

Assembly of tubes surrounded by an inner polyethylene sheath, a corrugated armour layer and an outer polyethylene sheath.

- Available in 1, 2, 4, 7, 12, 19, 24 way (3mm O/D available on request).

Assembly type	Product Code	Nominal O.D. (mm)	Steel Armour	Ripcord Qty	Min. Bend Radius (mm)	Max. Tensile (N)	Nominal Weight (g/m)	Drum Lengths (m)	
1 Way	OMAR0501	11.9	Yes	1	353	1740	123	500m D*	2000m R
								1000m R*	4000m R
2 Way	OMAR0502	11.9 x 16.9	Yes	1	353	2640	148	500m D	2000m R
								1000m R	4000m R
4 Way	OMAR0504	18.9	Yes	1	536	3300	247	500m D	2000m R
								1000m R	4000m R
7 Way	OMAR0507	21.9	Yes	1	630	4800	316	500m D	2000m R
								1000m R	4000m R
12 Way	OMAR0512	27.1	Yes	2	756	5400	435	1000m R	3000m R
								2000m R	
19 Way	OMAR0519	31.9	Yes	2	920	6600	566	1000m R	3000m R
								2000m R	
24 Way	OMAR0524	36.5	Yes	2	1071	7200	701	1000m R	3000m R
								2000m R	

D* Disposable Drum

R* Returnable Drum

Tensile

Tested in accordance with IEC 60794-1-2 Method E1. There shall be no permanent deformation of the primary or assembly parts after an applied load of 1.0 (spec. weight kg/km) N at 20mm/minute.

Crush Performance

Tested in accordance with IEC 60794-1-2 Method E3. After a maintained load of 3KN for 1 minute there shall be no deformation of primary tubes greater than 0.5 mm.

Stress Crack Resistance

Tested in accordance with BS6469 Section 99.1 with chemical Caflon CF30.

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 2005. 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, October 2005
Ref: SR006