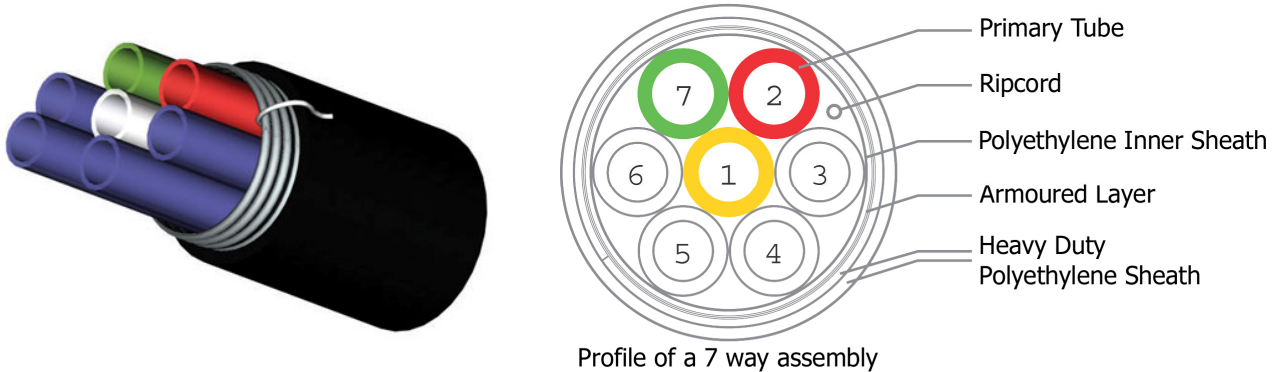


Sirocco Tubes (External) - Direct Bury Armoured Assembly

Prysmian Part Number: See Following Page



Profile of a 7 way assembly

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.

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