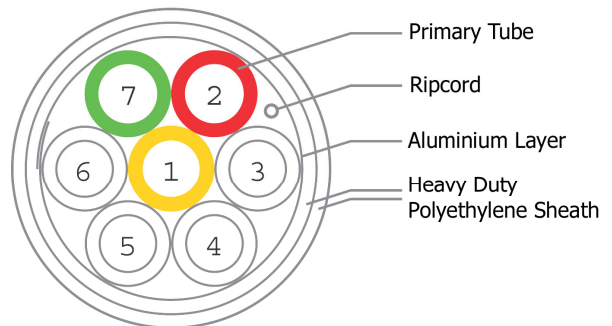
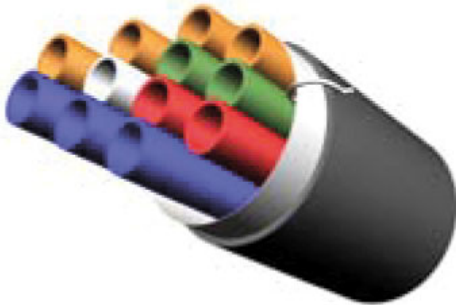


# Sirocco Tubes (External) - Direct Bury Assembly

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, 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 direct burial applications. Heavier construction lies flatter in trenches and has more resistance to localised bending.
- Aluminium layer acts as moisture barrier.
- 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 Assembly

**Assembly of tubes surrounded by an aluminium moisture barrier and two polyethylene sheath layers for improved crush, tensile and bending performance.**

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

Assembly type	Product Code	Nominal O.D. (mm)	Min. Bend Radius (mm)	Max. Tensile (N)	Nominal Weight (g/m)	Crush Rating (KN)	Drum Lengths (m)	
1 Way	OMAH0501	10.4 - 13.2	12 x D	1 W	97	2	500m D*	2000m R
							1000m R*	4000m R
2 Way	OMAH0502	11.0 - 13.2 x 16.0 - 18.2	12 x D	1 W	142	2	500m D	2000m R
							1000m R	4000m R
4 Way	OMAH0504	18.1 - 22.3	12 x D	1 W	204	2	500m D	2000m R
							1000m R	4000m R
7 Way	OMAH0507	21.6 - 23.3	12 x D	1 W	278	2	500m D	2000m R
							1000m R	4000m R
12 Way	OMAH0512	28.2 - 29.5	12 x D	1 W	479	2	1000m R	3000m R
							2000m R	
19 Way	OMAH0519	32.2 - 33.8	12 x D	1 W	614	2	1000m R	3000m R
							2000m R	
24 Way	OMAH0524	37.8 - 39.1	12 x D	1 W	755	2	1000m 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 2KN 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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