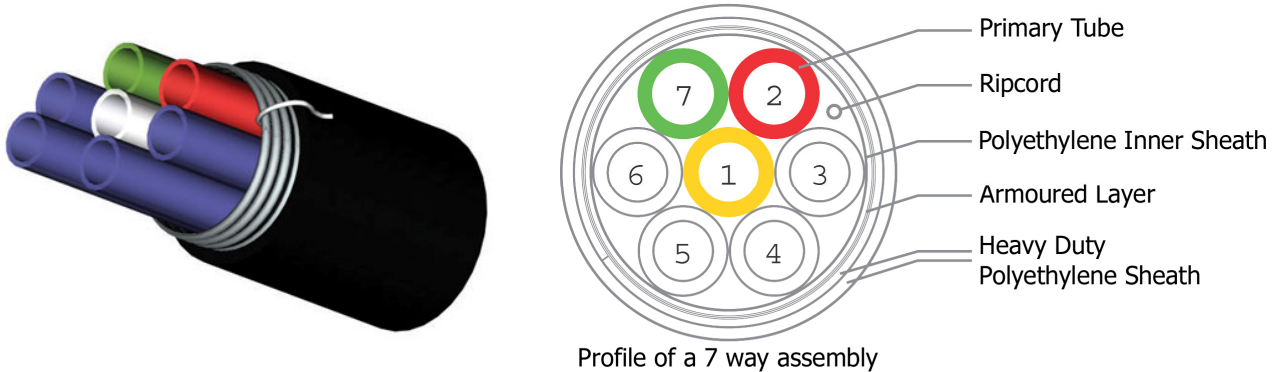


Sirocco Tubes (External) - Direct Bury Armoured Assembly

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.

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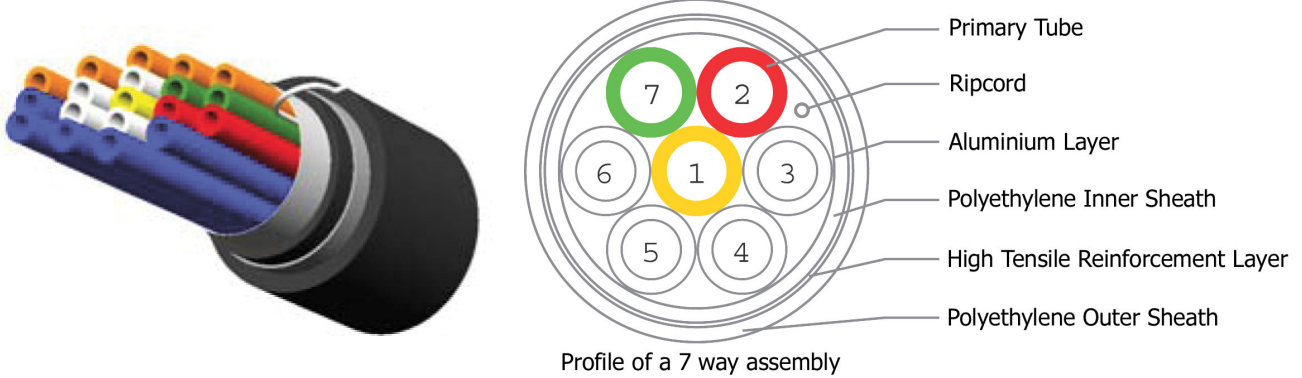
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Issue 01, October 2005
Ref: SR006

Sirocco Tubes (External) - Direct Bury Anti-Rodent 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 where rodent protection is required.

- 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 where high tensile re-enforcement for reduced elongation under load is required, also providing resistance to rodent attack.
- 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 Anti-Rodent Assembly

Assembly of tubes surrounded by an aluminium moisture barrier, an inner polyethylene sheath, high tensile reinforcement layer which also provides resistance to rodent attack 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)	Aluminium Sheath	Ripcord Qty	Min. Bend Radius (mm)	Max. Tensile (N)	Nominal Weight (g/m)	Drum Lengths (m)	
1 Way	OMR0501	12.7	150	1	336	1740	131	500m D*	2000m R
								1000m R*	4000m R
2 Way	OMR0502	12.7 x 17.7	150	1	336	2640	185	500m D	2000m R
								1000m R	4000m R
4 Way	OMR0504	19.8	150	1	510	3300	256	500m D	2000m R
								1000m R	4000m R
7 Way	OMR0507	23.3	150	1	600	4800	343	500m D	2000m R
								1000m R	4000m R
12 Way	OMR0512	30.7	150	1	720	5400	564	1000m R	3000m R
								2000m R	
19 Way	OMR0519	35.5	150	1	876	6600	714	1000m R	
								2000m R	
24 Way	OMR0524	40.1	150	1	1020	7200	869	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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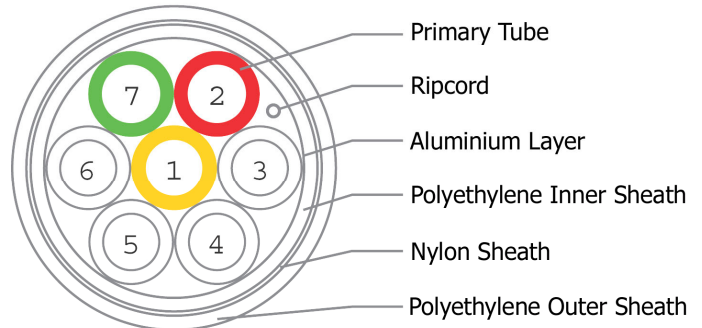
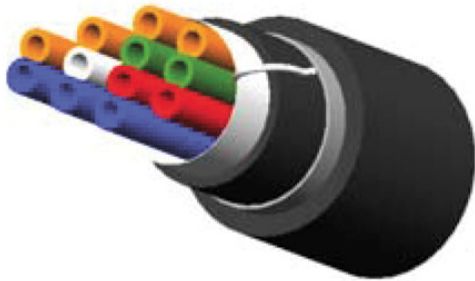
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Issue 01, October 2005
Ref: SR008

Sirocco Tubes (External) - Direct Bury Anti-Termite 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 where termite protection is required.

- 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 environments subject to termite infestation. A nylon layer between the two polyethylene sheaths provides resistance to termites and ants.
- 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 Anti-Termite Assembly

Assembly of tubes surrounded by an aluminium moisture barrier, an inner polyethylene sheath, a nylon middle sheath for protection against attacks from termites and ants 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)	Aluminium Sheath	Ripcord Qty	Min. Bend Radius (mm)	Max. Tensile (N)	Nominal Weight (g/m)	Drum Lengths (m)	
1 Way	OMT0501	11.5	150	1	336	1595	100	500m D*	2000m R
								1000m R*	4000m R
2 Way	OMT0502	11.5 x 16.5	150	1	336	2420	145	500m D	2000m R
								1000m R	4000m R
4 Way	OMT0504	18.6	150	1	510	3025	204	500m D	2000m R
								1000m R	4000m R
7 Way	OMT0507	22.1	150	1	600	4400	292	500m D	2000m R
								1000m R	4000m R
12 Way	OMT0512	29.5	150	1	720	4950	484	1000m R	3000m R
								2000m R	
19 Way	OMT0519	34.3	150	1	876	6050	621	1000m R	
								2000m R	
24 Way	OMT0524	38.8	150	1	1020	6600	762	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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