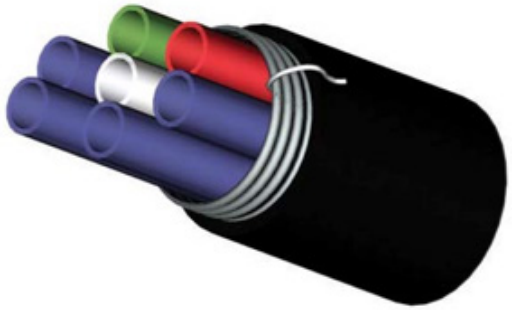
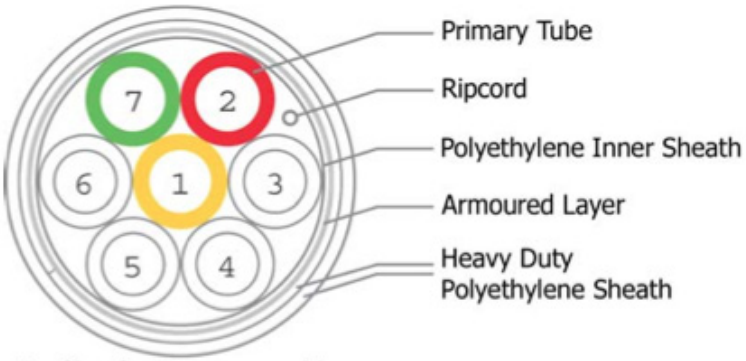
# Sirocco Tubes (External) - Direct Bury Armoured Assembly

**Part Number: See following page**






Profile of a 7 way assembly

## Product description

**Empty small diameter HDPE low friction tubes for blown fibre installation 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.
- Recommended for more onerous direct burial applications where corrugated armour layer provides maximum protection.
- Can be customised to suit user requirements (e.g. tube style, sheath colour, print legend).
- Supplied on wooden drums containing either one length of tube or multiple lengths for simultaneous installation.
- External versions available in different constructions – direct install, direct bury, steel armour, anti-termite, anti-rodent.

**Assembly of tubes surrounded by an aluminium moisture barrier and an outer polyethylene sheath.**
Available in 1, 2, 4, 7, 12, 19 and 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*<br>1000m R* | 2000m R<br>4000m R |
| 2 Way | OMAR0502 | 11.9 x 16.9 | Yes | 1 | 353 | 2640 | 148 | 500m D<br>1000m R | 2000m R<br>4000m R |
| 4 Way | OMAR0504 | 18.9 | Yes | 1 | 536 | 3300 | 247 | 500m D<br>1000m R | 2000m R<br>4000m R |
| 7 Way | OMAR0507 | 21.9 | Yes | 1 | 630 | 4800 | 316 | 500m D<br>1000m R | 2000m R<br>4000m R |
| 12 Way | OMAR0512 | 27.1 | Yes | 2 | 756 | 5400 | 435 | 1000m R<br>2000m R | 3000m R |
| 19 Way | OMAR0519 | 31.9 | Yes | 2 | 920 | 6600 | 566 | 1000m R<br>2000m R | 3000m R |
| 24 Way | OMAR0524 | 36.5 | Yes | 2 | 1071 | 7200 | 701 | 1000m R<br>2000m R | 3000m R |

D* Disposible Drum R* Returnable Drum

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# Sirocco Tubes (External) - Direct Install Assembly

**Part Number: See following page**

## Multi-Tube Direct Install Assembly

**Assembly of tubes surrounded by an aluminium moisture barrier and an outer polyethylene sheath.**
Available in 1, 2, 4, 7, 12, 19 and 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 | OMA0501 | 7.8 - 9.4 | 12 x D | 1W | 49 | 1 | 500m D*<br>1000m R* | 2000m R<br>4000m R |
| 2 Way | OMA0502 | 7.8 - 8.8 x<br>12.8 - 13.8 | 12 x D | 1W | 78 | 1 | 500m D<br>1000m R | 2000m R<br>4000m R |
| 4 Way | OMA0504 | 14.8 - 16.5 | 12 x D | 1W | 116 | 1 | 500m D<br>1000m R | 2000m R<br>4000m R |
| 7 Way | OMA0507 | 17.8 - 19.4 | 12 x D | 1W | 159 | 1 | 500m D<br>1000m R | 2000m R<br>4000m R |
| 12 Way | OMA0512 | 23.0 - 24.8 | 12 x D | 1W | 234 | 1 | 1000m R<br>2000m R | 3000m R |
| 19 Way | OMA0519 | 27.8 - 28.8 | 12 x D | 1W | 323 | 1 | 1000m R<br>2000m R | 3000m R |
| 24 Way | OMA0524 | 32.3 - 34.4 | 12 x D | 1W | 422 | 1 | 1000m R<br>2000m R | |

D* Disposible 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 1KN for 1 minute there shall be no deformation of primary tubes greated than 0.5 mm

**Stress Crack Resistance**
Tested in accordance with BS6496 Section 99.1 with chemical Caflon CF30.

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