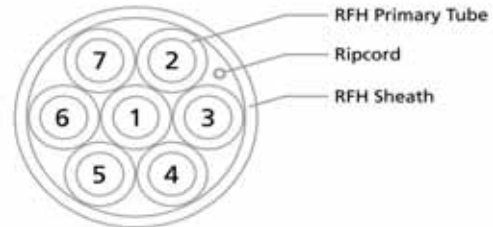


Sirocco Tubes (Internal)



Profile of a 7 way assembly

Reduced fire hazard assemblies containing RFH tubes in an RFH sheath for blown fibre installations for in-building applications.

- Low friction internal coating for maximum fibre blowing distance.
- 5mm O/D, each tube accommodates up to a 12 fibre unit.
- LSOH indoor version with flame retardant properties, low smoke emission and containing no halogens.
- 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.

Indoor Multi-Tube Bundles

Bundles of tubes bound in a LSOH outer sheath

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

LSOH Low Smoke, Zero Halogen Sheath

Fire retardant properties

| Assembly type | Product Code | Nominal O.D. (mm) | Ripcord Qty | Minimum Bend Radius (mm) | Max Tensile (N) | Nominal Weight (g/m) | Drum Lengths (m) |
|---------------|--------------|-------------------|-------------|--------------------------|-----------------|----------------------|-------------------------------------|
| 1 way | IMR0501 | 5.0 | - | 150 | 80 | 14 | 500m D* 2000m R 1000m R* 4000m R |
| 2 way | IMR0502 | 7.2 x 12.2 | 1 | 150 | 390 | 74 | 500m D 2000m R 1000m R 4000m R |
| 4 way | IMR0504 | 12.2 x 12.2 | 1 | 250 | 600 | 118 | 500m D 2000m R 1000m R 4000m R |
| 7 way | IMR0507 | 17.2 | 1 | 350 | 880 | 175 | 500m D 2000m R 1000m R 4000m R |
| 12 way | IMR0512 | 22.5 | 2 | 450 | 1500 | 267 | 500m D 2000m R 1000m R 4000m R |
| 19 way | IMR0519 | 27.2 | 2 | 550 | 2200 | 387 | 500m D 2000m R 1000m R 3500m R |
| 24 way | IMR0524 | 31.7 | 2 | 640 | 2700 | 521 | 1000m D 2500m R 2000m R |

D* Disposable drum R* Returnable drum

Material Compliance

- Flammability IEC 60332 Part 1 and Part 3
- Acid Gas Emission IEC 60754-1, max 0.5%
- No Halogen Content
- Temperature Index 270°C

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 400N 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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