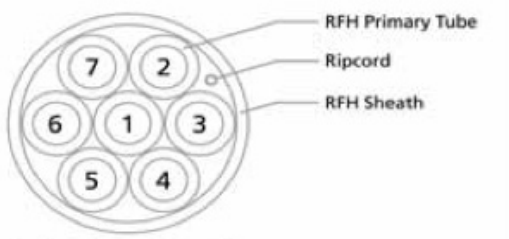
Sirocco Tubes (Internal)



Profile of a 7 way assembly

Product description

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 (3 mm O/D available on request)

LSOH Low Smoke, Zero Halogen Sheath
- Fire retardant properties

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Assembly Type	Product Code	Nominal O.D. (mm)	Ripcord Qty	Minimum Bend Radius (mm)	Max Tensile Strength (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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