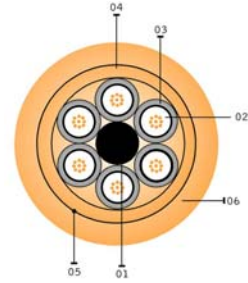




Dielectric Multitube Cable (Up to 144 FO)



All technical specifications are subject to change without prior notice. Consult OPTRAL for the latest edition.

Cable Description

- 01. Central Element (GRP)
- 02. Fibre Optics
- 03. Loose Tube (Jelly Filled)
- 04. Fiberglass Reinforcements - WB
- 05. Ripcord
- 06. Outer Jacket

Fire resistance

- Flame retardant
- Halogen free
- Low smoke emission

Applications

Universal (Indoor / Outdoor)

Rodent protection

Rodent protected

Options

Strength Members = Aramid yarns (KT Type)
Special colour code (TIA 598)

Advantages

Compact / Tough / Resistant / Totally dielectric.



TOTALLY DIELECTRIC



MOISTURE PROTECTED



ULTRAVIOLET RESISTANCE



RODENT PROTECTION



FLAME RETARDANT



LOW SMOKE EMISSION



HALOGEN FREE

SPECIFICATIONS										
Fibre count	16	24	32	36	48	64	72	96	128	144
Fibres per Tube	4	6	8	6	12	8	12	12	8	12
Total Tubes	4	4	4	6	4	8	6	8	18	14
Active Tubes	4	4	4	6	4	8	6	8	16	12
Strength Members	Reinforced Fiberglass Yarns WB (Waterblocking)									
Compound	Thermoplastic LSZH ¹									
Colour	Dark Grey									
Weight (Kg/Km)	76	76	89	97	102	154	137	178	217	207
Outer Ø (mm)	8.8 ±0.5	8.8 ±0.5	9.8 ±0.5	10.0 ±0.5	10.5 ±0.5	12.7 ±0.5	12.1 ±0.5	13.8 ±0.5	16.2 ±0.5	16.1 ±0.5
Perm / Inst Tensile Load (N)	1000 / 1800					1500 / 2700				
Crush (N)	2000									
Maximum Length (m)	4200	4200	3100	4200	2100	3100	2100	2100	3100	2100
Temperature Range	-30° C to +70°C									
Min. Bending Radius	20 x Outer Ø									

Standards

Environmental and mechanical tests according to EN 187000 and CEI 60794.

Fire test according to: UNE-EN 50266 (IEC 60332-3) / UNE-EN 50267 (IEC 60754-1) / UNE-EN 50268 (IEC 61034-1/2).

Fibres colour code: red, green, blue, yellow, grey, violet, brown, orange, white, pink, black and natural.

¹ LSZH – Halogen free, low smoke and flame retardant thermoplastic compound.