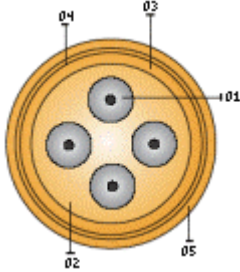




Dielectric Armoured Distribution Cable (Up to 12 FO)



Cable Description

- 01. Tight Buffer Fibre (0.9 mm)
- 02. Aramid
- 03. Inner Jacket
- 04. Dielectric Armour
- 05. Outer Jacket

Applications

Universal (Indoor / Outdoor)

Rodent protection

Rodent resistant

Norms / Approvals

UL1651 (Types OFNR, OFN)

Options

Special colour code (TIA 598)

Advantages

Compact / Lightweight / Flexible / Tough / Resistant / Easy to strip (gel free) / Totally dielectric / Reduced diameter / Direct connectorization / Saves installation costs / Rodents protected.



TOTALLY DIELECTRIC



MOISTURE PROTECTED



HIGH FLEXIBILITY



ULTRAVIOLET RESISTANCE



RODENT PROTECTION



FLAME RETARDANT



LOW SMOKE EMISSION



HALOGEN FREE



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

SPECIFICATIONS

	2	4	6	8	10	12
Fibres	2	4	6	8	10	12
Strength members	Aramid Yarns					
Inner jacket	Thermoplastic					
Armour	Fibreglass Braid					
Outer jacket	Thermoplastic LSZH ¹					
Colour	Dark Grey					
Weight (Kg/Km)	68	72	79	95	100	105
Outer Ø (mm)	7.6 ± 0.3	7.9 ± 0.3	8.3 ± 0.3	9.3 ± 0.3	9.5 ± 0.3	9.9 ± 0.3
Tensile Load Perm / Inst (N)	600 / 1100		700 / 1250		800 / 1800	
Crush (N)	1500					
Temperature Range	-20 °C to +70 °C					
Min. Bending Radius	20 x Outer Ø					
Maximum Length	4200 m					

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, grey, yellow, blue, natural, white, brown, violet, orange, pink, black.

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