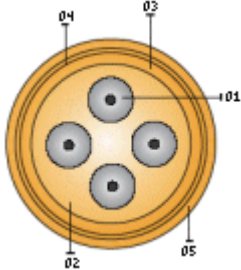




Dielectric Armoured Distribution Cable (Up to 12 FO)



Cable Description

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

Fire Resistance

- Flame retardant
- Halogen free
- Low smoke emission
- Fire resistant (180 min)

Applications

Universal (Indoor / Outdoor)

Rodent protection

Rodent resistant

Options

Jackets: PVC / PU / PA
Special colour code

Advantages

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



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



TOTALLY DIELECTRIC



MOISTURE PROTECTED



HIGH FLEXIBILITY



ULTRAVIOLET RESISTANCE



RODENT PROTECTION



FLAME RETARDANT



LOW SMOKE EMISSION



HALOGEN FREE

SPECIFICATIONS

	2	4	6	8	12
Fibres	2	4	6	8	12
Strength Members	Reinforced Fiberglass Yarns (WB)				
Inner Jacket	Thermoplastic				
Armour	Fiberglass Braid				
Outer Jacket	Thermoplastic LSZH ¹				
Colour	Black				
Weight (Kg/Km)	89	93	98	123	141
Outer Ø (mm)	9.0 ± 0.3	9.3 ± 0.3	9.5 ± 0.3	10.7 ± 0.3	11.5 ± 0.3
Tensile Load Perm / Inst (N)	600 / 1100		700 / 1250		800 / 1800
Crush (N/100mm)	1500				
Temperature Range	-20°C to +70°C				
Min. Bending Radius (mm)	20 x Outer Ø				
Max. Production Length	4200 m				

Standards

Environmental and mechanical tests according to EN187000 and IEC60794.

Fire tests according to: UNE 20431 (IEC60331-25) 180 min / EN50265 (IEC60332-1) / EN50266 (IEC 60332-3) / EN 50267 (IEC 60754-1) / EN61034 (IEC61034-1/2).

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.