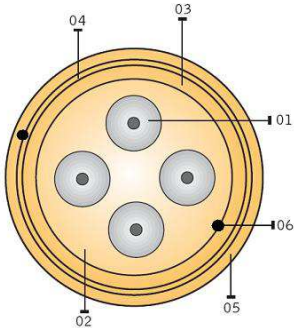




## Dielectric Armoured Distribution Cable (Up to 12 Fo)



### Cable Description

- 01. Tight Buffer Fibre (0.9 mm)
- 02. Strength Members
- 03. Inner Jacket
- 04. Dielectric Armour
- 05. Outer Jacket
- 06. Ripcords

### Applications

Universal (Indoor / Outdoor)

### Rodent protection

Rodent resistant

### Options

Jackets: PVC / PU  
Special colour code

### Fire Resistance

Flame retardant (IEC 60332-1 / IEC 60332-3)  
Halogen free (IEC 60754-1/-2)  
Low smoke emission (IEC 61034-2)  
Fire resistant (IEC 60331-25; 90 min; 750°C)

### CPR Classification (Euroclass)

Reaction to Fire: Dca, s1, d1, a1  
Declaration Code: DOP02301

### Advantages

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



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



### SPECIFICATIONS

Fibre Count	2	4	6	8	12
Central Element	NO		YES		
Strength Members	Reinforced Fibreglass Yarns (WB)				
Inner Jacket	Thermoplastic				
Armour	Fibreglass Braid				
Outer Jacket	LSZH <sup>1</sup>				
Colour	Black				
Weight (Kg/Km)	92	97	103	130	149
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
Max. Crush (N/100mm)	1500 (IEC 60794-1-21 E3)				
Temperature Range	-20°C to +70°C (IEC 60794-1-22 F1)				
Min. Bending Radius (mm)	20 x Outer Ø (IEC 60794-1-21 E11)				
Max. Production Length (m)	4200				

### Standards

Mechanical and Environmental tests according to IEC 60794-1-21 and IEC 60794-1-22.

Fibres colour code: Red – Green – Grey – Yellow – Blue – Turquoise – White – Brown – Violet – Orange – Pink – Black.

<sup>1</sup>LSZH – Halogen free, low smoke and flame retardant thermoplastic compound.