



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

**Cable description**

- 01. Tight Buffer Fibre (0.9 mm)
- 02. Strength Members
- 03. Outer Jacket
- 04. Ripcord

**Fire resistance**

- Flame retardant (IEC 60332-3 and 60332-1)
- Halogen free (IEC 60754-1/-2)
- Low smoke emission (IEC 61034-2)

**Applications**

Universal (Indoor / Outdoor)

**Rodent Protection**

Rodent Protected

**Options**

- Outer jacket: PVC / PU
- Special colour code

**CPR Classification (Euroclass)**

Reaction to Fire: Dca, s1, d1, a1  
 Declaration Code: DOP02002

**Advantages**

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



TOTALLY DIELECTRIC



MOISTURE PROTECTED



HIGH FLEXIBILITY



ULTRAVIOLET RESISTANCE



RODENT PROTECTION



FLAME RETARDANT



LOW SMOKE EMISSION



HALOGEN FREE

**SPECIFICATIONS**

	2	4	6	8	12
<b>Fibre count</b>	2	4	6	8	12
<b>Central Element</b>	NO	NO	YES	YES	YES
<b>Strength Members</b>	Reinforced fibreglass yarns WB				
<b>Outer jacket</b>	LSZH <sup>1</sup>				
<b>Colour</b>	Black				
<b>Weight (Kg/Km)</b>	35	39	44	59	72
<b>Outer Ø (mm)</b>	6.0 ±0.3	6.3 ±0.3	6.5 ±0.3	7.5 ±0.3	8.3 ±0.3
<b>Max. Tensile Load (N)</b>	650 (Operating) / 1100 (Installation)			850 (Operating) / 1450 (Installation)	
<b>Max. Crush (N/100mm)</b>	1300 (IEC 60794-1-21 E3)				
<b>Temperature range</b>	-20°C to +70°C (IEC 60794-1-22 F1)				
<b>Min. Bending radius (mm)</b>	20 x Outer Ø (IEC 60794-1-21 E11)				
<b>Maximum Length (m)</b>	4200				

**Standards**

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

Fibre standard colour coding: 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.