



Cable description

- 01. Tight Buffer Fibre (0.9 mm)
- 02. Fiberglass Reinforcements-WB
- 03. Outer Jacket
- 04. Ripcord

Fire resistance

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

Applications

Universal (Indoor / Outdoor)

Rodent Protection

Rodent Protected

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

Fibre count	24
Armour	Reinforced Fibreglass Yarns WB (Waterblocking)
Outer Jacket	LSZH ¹
Colour	SM/OS2 - Yellow (RAL 1021) / MM/OM3 – Turquoise (RAL 6027) / MM/OM4 – Blue (RAL 5015)
Weight (Kg/Km)	72
Outer Ø (mm)	8.2 ±0.3
Max. Tensile Load (N)	400 (Operation) / 800 (Installation) – (IEC 60794-1-21 E1)
Max. Crush (N/100mm)	1500 (IEC 60794-1-21 E3)
Temperature range	-40°C to +60°C (IEC 60794-1-22 F1)
Min. Bending radius	20 x Outer Ø (IEC 60794-1-21 E11)

Standards

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

Buffer colour code: Red – Green – Gray – Yellow – Blue – Turquoise – White – Brown – Violet – Orange – Pink – Black. With black stripe: Red – Green – Gray – Yellow – Blue – Turquoise – White – Brown – Violet – Orange – Pink – Natural (With double black stripe).

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

Printing = **### HEXATRONIC aaFOtt CDG - yyy / OF.BOB / xxxx m**
 Where: **###** = Year of Manufacture **aa** = Fibre count **tt** = Fibre Type (10 / 62 / 50) **yyy** = Fibre Type
OF.BOB = Id. Traceability **xxxx** = Meter length (4 digits)

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