



Cable Description

- 01. Central Element (GRP)
- 02. Tight Buffer Fibre (0.9 mm)
- 03. Strength Members
- 04. Individual Jacket (Ø 2.5 mm)
- 05. Ripcords
- 06. Inner Jacket
- 07. Metallic Armour
- 08. Outer Jacket

Fire resistance

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

Advantages

Compact / Flexible / Resilient / Tough / Excellent mechanical resistance / Easy to strip (gel free) / Direct connectorization / Excellent rodent protection.

Applications

Outdoor
Direct connection to terminal equipments

Rodent protection

Excellent rodent resistance

Options

Jackets: PVC / PU
Special colour code
Buffer Easy-Strip

CPR Classification (Euroclass)

Reaction to Fire: Dca, s2, d2, a1
Declaration Code: DOP02200



MOISTURE PROTECTED



HIGH FLEXIBILITY



ULTRAVIOLET RESISTANCE



RODENT PROTECTION



FLAME RETARDANT



LOW SMOKE EMISSION



HALOGEN FREE

SPECIFICATIONS

	2	4	6	8	12	16
Fibres	2	4	6	8	12	16
Subcables strength members	Aramid Yarns					
Subcables Ø (mm)	2.5					
Subcables jacket	Thermoplastic					
Colour	Orange (MM62) / Blue (MM50) / Yellow (SM)					
Identification	Numbers					
Inner jacket	LSZH ¹					
Armour	Steel Wires Braid					
Outer jacket	LSZH ¹					
Colour	Orange (MM62) / Blue (MM50) / Yellow (SM)					
Weight (Kg/Km)	136	137	190	246	380	356
Outer Ø (mm)	11.1 ±0.5	11.1 ±0.5	13.1 ±0.5	14.9 ±0.5	18.5 ±0.5	18.4 ±0.5
Tensile Load Perm / Inst (N)	900 / 1600	1100 / 2000	1500 / 2700	1900 / 3400	2700 / 4000	3000 / 4000
Max. Crush (N/dm)	2000 (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)					

Standards

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

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