



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

Cable Description

- 01. Central Element (GRP)
- 02. Tight Buffer Fibre (0.9 mm)
- 03. Aramid
- 04. Jacket (Subcables)
- 05. Dielectric Armour
- 06. Outer Jacket

Fire Resistance

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

Applications

Universal (Indoor / Outdoor)

Rodent protection

Rodent resistant

Options

Jackets: PVC / PU / PA
 Special colour code

Advantages

Compact / Tough / Resistant / Easy to strip (gel free) / Totally dielectric / Direct connectorization / Saves installation costs / Rodent protected.



TOTALLY DIELECTRIC



MOISTURE PROTECTED



ULTRAVIOLET RESISTANCE



RODENT PROTECTION



FLAME RETARDANT



LOW SMOKE EMISSION



HALOGEN FREE

SPECIFICATIONS

	16	24	32	36	48	64	72
Fibres	16	24	32	36	48	64	72
Strength Members	Aramid Yarns						
Subcables 4 FO	4	6	8	9	12	16	18
Subcables jacket	Thermoplastic						
Identification	Numbers						
Armour	Fibreglass Braid						
Outer jacket	Thermoplastic LSZH						
Colour	Dark Grey / Black						
Weight (Kg/Km)	116	164	220	258	280	347	353
Outer Ø (mm)	11.2 ± 0.5	13.2 ± 0.5	15.2 ± 0.5	16.3 ± 0.5	18.1 ± 0.5	20.1 ± 0.5	20.1 ± 0.5
Tensile Load Perm/Inst (N)	800 / 1450	1100 / 2000	1400 / 2500	1550 / 2800	2200 / 3950	2900 / 4000	2900 / 4000
Crush (N)	1500						
Temperature Range	-20°C to +70°C						
Min. Bending Radius	20 x Outer Ø						
Maximum Length	1800 m						

Standards

Environmental and mechanical tests according to EN 187000, IEC 60794.

Fire test 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.

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