



Cable Description

- 01. Central Element
- 02. Fibre Optics
- 03. Loose Tubes (Jelly Filled)
- 04. Strength Members
- 05. Ripcords
- 06. Inner Jacket
- 07. Metallic Armour
- 08. Outer Jacket

Applications

Outdoor
Direct buried
Offshores
Suitable for installation under water up to 100 m (both fresh and salt water)

Rodent protection

Excellent rodent resistance

Options

Special colour code (TIA 598)
Jackets: PVC / LSZH / PA

CPR Classification (Euroclass)

Reaction to Fire: Fca
Declaration Code: DOP03150



Advantages

Compact / Tough / Resistant / Reduced diameter / Watertight / Excellent rodent resistance / Excellent resistance to friction.



MOISTURE PROTECTED



WATERTIGHT



ULTRAVIOLET RESISTANCE



RODENT PROTECTION



LOW FRICTION

SPECIFICATIONS

Fibres	12	24	32	36	48	64	72	96	144	288
Total / Active Tubes	6 / 1	6 / 2	6 / 4	6 / 3	6 / 4	8 / 8	6 / 6	8 / 8	12 / 12	12 / 12
Fibres per Tube	12		8	12		8	12			24
Strength Members	Reinforced Fibreglass Yarns WB (Waterblocking)									
Inner Jacket	Polyethylene - Black									
Armour	Steel Wire Armour									
Outer Jacket	Polyethylene - Black									
Outer Ø (mm)	14.0 ±0.5	14.0 ±0.5	14.0 ±0.5	14.0 ±0.5	14.0 ±0.5	15.3 ±0.5	14.0 ±0.5	15.3 ±0.5	17.9 ±0.5	19.5 ±0.5
Weight (Kg / Km)	274	275	276	276	277	325	278	325	438	512
Max. Tensile Load (N)	4500 (Operating) / 6000 (Installation) - (IEC 60794-1-21 E1)									
Max. Crush (N/10cm)	3000 (IEC 60794-1-21 E3)									
Max. Impact (J)	10 (IEC 60794-1-21 E4)									
Water Penetration	According (3m / 1m / 24h / Optical core / IEC 60794-1-22 F5B)									
Temperature Range	-40°C to +70°C (Operating) / -10°C to +50°C (Installation) – (IEC 60794-1-22 F1)									
Min. Bending Radius (mm)	15 x Outer Ø (Operating) / 20 x Outer Ø (installation) (IEC 60794-1-21 E11)									
Max. Length (m)	6000								4000	

Standards

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

Fibres colour code: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Black - Turquoise. With black ring: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Natural - Turquoise.

Tubes colour code: Red - Green - Natural - ... - Natural. Passive tubes colour Black.