



Cable Description

- 01. Central Element (GRP)
- 02. Tight Buffer Fibre (0.9 mm)
- 03. Subcable strength members
- 04. Individual Jacket (Ø 2.0 mm)
- 05. Strength members
- 06. Ripcord
- 07. Outer Jacket

Fire Performance

Flame Retardancy (IEC 60332-1/-3)
Low Smoke (IEC 61034-2)
Zero Halogen (IEC 60754-1/-2)

Features

Superior resistance to moisture, sunlight
Dielectric / Compact / Tough
Excellent mechanical resistance
Easy to strip (gel free)
Direct connectorization

Applications

Marine and Offshore applications
Commercial marine vessels
Harsh environments

Approvals

Bureau Veritas Type Approval (only available for 4, 8 and 12 fibres):

- Certificate number: 23605/A0 BV

Oil and Mud Resistance

Mineral oil IRM 902 (IEC60811-404) - 4h@70°C
Diesel - IRM 903 (IEC60811-404) - 4h@70°C



TOTALLY
DIELECTRIC



MOISTURE
PROTECTED



HIGH
FLEXIBILITY



ULTRAVIOLET
RESISTANCE



FLAME
RETARDANT



LOW SMOKE



HALOGEN FREE



OIL AND MUD
RESISTANCE

SPECIFICATIONS

Fibre Count	2	4 (BV approved)	6	8 (BV approved)	12 (BV approved)
Subcables strength members	Aramid Yarns				
Subcables Ø (mm)	2.0 ±0.10				
Subcables jacket	Thermoplastic LSZH ¹				
Identification	Colours / Numbers				
Strength members	Aramid Yarns				
Outer jacket	Thermoplastic LSZH ¹				
Colour	Black				
Weight (Kg/Km)	65	65	86	117	175
Outer Ø (mm)	7.8 ± 0.3	7.8 ± 0.3	9.2 ± 0.5	10.4 ± 0.5	12.9 ± 0.5
Max Tensile Load Perm / Inst (N)	1200 / 2200	1200 / 2200	1400 / 2500	1600 / 2800	2000 / 3000
Max. Crush (N/dm)	3000				
Max. Impact	2 Nm, 100 impacts				
Temperature Range	-20°C ~ +80°C (Operation) / -10°C ~ +60°C (Installation) / -40°C ~ +80°C (Storage)				
Min. Bending Radius ² (mm)	15 x Outer Ø (Operation) / 20 x Outer Ø (Installation)				
Fire Performance	IEC60332-1 / IEC60332-3 / IEC61034-2 / IEC60754-1/-2				

Standards

Thermal and mechanical tests according to IEC60794-1-2 (IEC60794-1-21, IEC 60794-1-22).

¹ LSZH – Halogen free, low smoke and flame retardant thermoplastic compound (IEC 60092 – 359 / SHF1).

² Cable with bend Insensitive fibres, the minimum bending radius in operation is 10 x Outer Ø