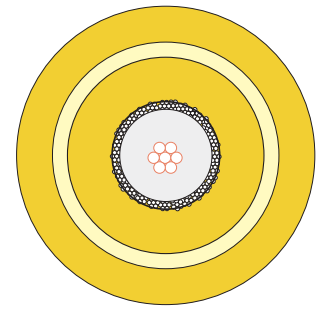


Special cable, light weight sonar Type 5025



Construction characteristics

Inner conductor	1,3 mm ² (16 AWG) bare copper conductor insulated with foam polyolefin, 1 each
1st Shield	Tinned copper braid, coverage ≥ 85%
2nd Shield	Tinned copper braid, coverage ≥ 85%
Tape	Binder tape
Inner jacket	Polyurethane jacket. Colour yellow, nominal diameter 6,4 mm
Strength member	High strength textile braid
Outer jacket	Polyurethane jacket. Colour yellow
European directives	2002/95/CE RoHS and 2002/96/CE WEEE
Halogen free	Halogen acid gas emission ≤0,5% when tested in accordance to IEC 60754-1 – CEI 20-37

Mechanical characteristics

Diameter	10 mm ±0,2 mm
Weight in air	134 kg/km nom
Weight in seawater	56 kg/km nom
Min. bending radius	100 mm
Breaking strength	25 kN
Safe working load	4 kN
Depth rating	5,000 m
Operating temperature	-40°C - +80°C

Electrical characteristics

Operating voltage	400 V
Test voltage	2,000 V DC x 1 min.
Conductor resistance	≤ 14.5 Ω/km
Insulation resistance	≥ 5 GΩ x km
Impedance	50 Ω
Capacitance	94 pF/m
Attenuation	≤ 10 dB/km at 1 MHz