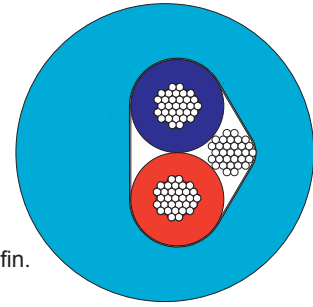


Data cable, 1 STP Type 4021



Construction characteristics

Shielded twisted pair	1.00 mm ² bare copper conductor insulated with Polyolefin. 2 conductors twisted together with a bare copped drain wire and aluminium/polyester foil (1 each)
Outer jacket	Polyurethane jacket. Colour blue
Halogen free	Halogen acid gas emission ≤0,5% when tested in accordance to IEC 60754-1 – CEI 20-37

Mechanical characteristics

Diameter	8.00 mm ±0.30 mm
Weight in air	76 kg/km nom
Weight in seawater	25,8 kg/km nom
Min. bending radius, static	95 mm
Min. bending radius, dynamic	120 mm
Depth rating	3,000 m
Operating temperature range	-20°C - +80°C

Electrical characteristics

Operating voltage	1,000 V DC
Test voltage	4,000 V DC for 1 min
Conductor resistance	≤ 20.0 Ω/km
Insulation resistance	≥ 500 MΩ×km (cond. - cond.) ≥ 10 MΩ×100 m (cond. - shield)
Capacitance	90 pF/m nom
Impedance	65 ±5 Ω at 1-10 MHz
Inductance	1 mm ² 0,62 μH/m
Attenuation	4.5 dB/100 m at 1 MHz 11.5 dB/100 m at 10 MHz