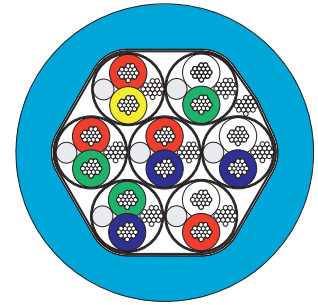


Data cable, 7 STP Type 4700



Construction characteristics

Shielded twisted pair	0.50 mm ² bare copper conductor insulated with PE. 2 conductors twisted together with a tinned copper drain wire and aluminium/polyester foil (7 each)
Shield	Aluminium/polyester foil and tinned copper drain wire, coverage 100%
Outer jacket	Polyurethane jacket. Colour blue
Halogen free	Acc. to IEC 60754

Mechanical characteristics

Diameter	12.70 mm ±0.30 mm
Weight in air	205 kg/km nom
Weight in seawater	115 kg/km nom
Min. bending radius, static	120 mm
Min. bending radius, dynamic	150 mm
Depth rating	3,000 m

Electrical characteristics

Operating voltage	600 V
Test voltage	3,000 V DC for 1 min
Conductor resistance	≤ 41.0 Ω/km
Insulation resistance	≥ 500 MΩ×km (cond. - cond.) ≥ 100 MΩ×km (cond. - shield) ≥ 10 MΩ×km (shield - shield)
Capacitance	100 pF/m
Impedance	57 ±5 Ω at 1-10 MHz
Attenuation	0.3 dB/100 m at 4 MHz 0.5 dB/100 m at 10 MHz 7.0 dB/100 m at 1 MHz 18.0 dB/100 m at 10 MHz