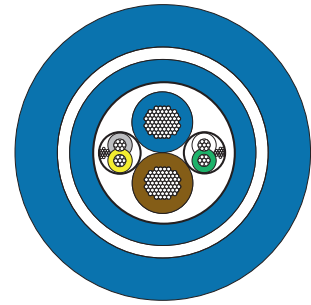


Power/signal cable Type 2019/B



Construction characteristics

Power conductor	2.00 mm ² bare copper conductor insulated with PVC (2 each)
Shielded twisted pair	0.22 mm ² bare copper conductor insulated with PE. 2 conductors twisted together with a tinned copper drain wire and aluminium/polyester foil (2 each)
Inner jacket	PVC jacket
Inner jacket	Polyurethane jacket
Strength member	Braided Kevlar
Outer jacket	Polyurethane jacket. Colour blue

Mechanical characteristics

Diameter	14.30 mm ±0.30 mm
Weight in air	220 kg/km nom
Weight in seawater	55 kg/km nom
Min. bending radius, static	160 mm
Min. bending radius, dynamic	210 mm
Min. breaking strength	15 kN
Depth rating	5,000 m
Operating temperature range	-20°C - +80°C

Electrical characteristics

Operating voltage	600 V for 2.00 mm ² conductor 24 V for 0.22 mm ² conductor
Test voltage	3,000 V DC for 1 min. for 2.00 mm ² conductor (cond. - cond.) 1,500 V DC for 1 min. for 0.22 mm ² conductor (cond. - cond.)
Conductor resistance	≤ 10.0 Ω/km for 2.00 mm ² conductor ≤ 96.2 Ω/km for 0.22 mm ² conductor
Insulation resistance	≥ 100 MΩ×km for 2.00 mm ² conductor ≥ 5,000 MΩ×km for 0.22 mm ² conductor
Capacitance	70 pF/m for 0.22 mm ² pair
Impedance	60 ±5 Ω for 0.22 mm ² pair
Attenuation	10.0 dB/100 m at 1 MHz 25.0 dB/100 m at 10 MHz