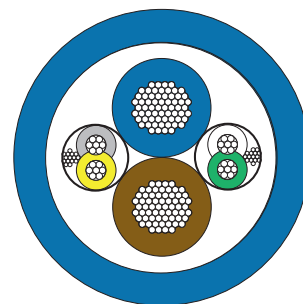


# Power/signal cable

## Type 2009/B



### Construction characteristics

Power conductor	2.00 mm <sup>2</sup> bare copper conductor insulated with PVC (2 each)
Shielded twisted pair	0.22 mm <sup>2</sup> 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
Outer jacket	Polyurethane jacket. Colour blue

### Mechanical characteristics

Diameter	9.00 mm ±0.30 mm
Weight in air	125 kg/km nom
Weight in seawater	60 kg/km nom
Min. bending radius, static	100 mm
Min. bending radius, dynamic	130 mm
Depth rating	3,000 m

### Electrical characteristics

Operating voltage	600 V for 2.00 mm <sup>2</sup> conductor 24 V for 0.22 mm <sup>2</sup> conductor
Test voltage	3,000 V DC for 1 min. for 2.00 mm <sup>2</sup> conductor (cond. - cond.) 1,500 V DC for 1 min. for 0.22 mm <sup>2</sup> conductor (cond. - cond.)
Conductor resistance	≤ 10.0 Ω/km for 2.00 mm <sup>2</sup> conductor ≤ 96.2 Ω/km for 0.22 mm <sup>2</sup> conductor
Insulation resistance	≥ 100 MΩ×km for 2.00 mm <sup>2</sup> conductor ≥ 5,000 MΩ×km for 0.22 mm <sup>2</sup> conductor
Capacitance	70 pF/m for 0.22 mm <sup>2</sup> pair
Impedance	58 ±5 Ω at 1-10 MHz
Attenuation	10.0 dB/100 m at 1 MHz 25.0 dB/100 m at 10 MHz