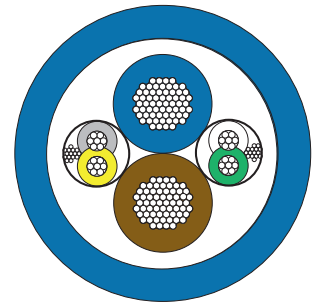


# Power/signal cable

## Type 2009/B



### Construction characteristics

Power conductors	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. Two 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> conductors 24 V for 0.22 mm <sup>2</sup> conductors
Test voltage	3,000 V DC for 1 min. for 2.00 mm <sup>2</sup> conductors (cond. - cond.) 1,500 V DC for 1 min. for 0.22 mm <sup>2</sup> conductors (cond. - cond.)
Conductor resistance	≤ 10.0 ohm/km for 2.00 mm <sup>2</sup> conductors ≤ 96.2 ohm/km for 0.22 mm <sup>2</sup> conductors
Insulation resistance	≥ 100 Mohm×km for 2.00 mm <sup>2</sup> conductors ≥ 5,000 Mohm×km for 0.22 mm <sup>2</sup> conductors
Capacitance	70 pF/m for 0.22 mm <sup>2</sup> pair
Characteristic impedance	58 ±5 Ohm at 1-10 MHz
Attenuation at 1 MHz	10.0 dB/100 m
Attenuation at 10 MHz	25.0 dB/100 m