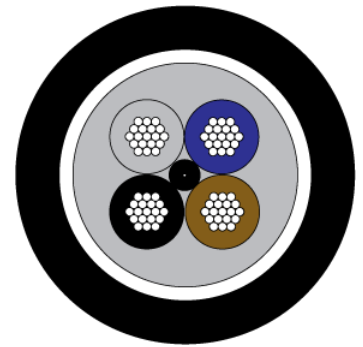


Power/signal cable

Type 6589CC



Construction characteristics

Conductor	1.00 mm ² (18 AWG) bare copper conductor insulated with Polyolefin (4 each) Colour grey, blue, brown, black
Armouring	Vectran [®] fibre braid
Filler	Central filler for roundness
Inner jacket	PVC jacket
Outer jacket	Polyurethane jacket. Colour black glossy
European directives	2002/95/CE RoHS and 2002/96/CE WEEE

Mechanical characteristics

Diameter	9.80 mm ±0.30 mm
Weight in air	140 kg/km nom
Weight in seawater	62 kg/km nom
Min. bending radius, static	130 mm
Min. bending radius, dynamic	150 mm
Breaking strength	1 kN (braiding only)
Depth rating	6,000 m

Electrical characteristics

Operating voltage	1 Kv
Test voltage	3,000 V DC for 1 min
Conductor resistance	≤ 21.0 Ω/km
Insulation resistance	≥ 5 MΩ×km
Nominal inductance	0.63 μH/m
Capacitance	70 pF/m
Impedance	100 Ω at 100 kHz