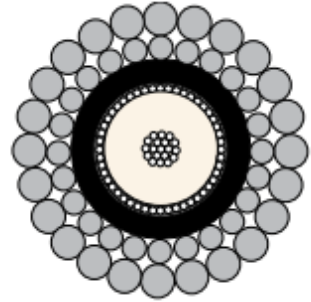


Special cable

Type 0214



Construction characteristics

Conductor	1.93 mm ² , 19 x 0.361 mm stranded bare copper conductor insulated with HDPE, 1.5 mm wall
Served shield	1 layer of bare copper wires, nominal diameter 0.2 mm
Jacket	HDPE jacket, 0.7 mm wall
Armour	Inner layer of galvanized steel wires, diameter 1.00 mm Outer layer of galvanized steel wires, diameter 1.25 mm

Mechanical characteristics

Diameter	11.0 ± 0.3 mm
Weight in air	450 kg/km
Weight in seawater	360 kg/km
Min. bending radius	220 mm
Breaking strength	60 kN
Safe working load	15 kN

Electrical characteristics

Test voltage	8 kV DC, 5 min (cond – shield)
Insulation resistance	≥100 GΩ×km conductor against shield, earth ≥100 MΩ×km shield against armouring, earth
DC conductor resistance	≤10 Ω/km at 20°C for 1.93 mm ² ≤9 Ω/km at 20°C for shield
Inductance	Approx. 0.25 mH/km at 600 kHz
Capacitance	Approx. 120 nF/km up to 600 kHz
Impedance	Approx. 50 Ω at 600 kHz

Electrical characteristics

Attenuation

