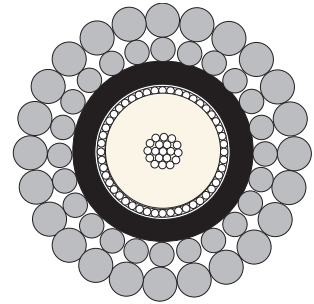


Special cable, multi purpose Type 126080



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 1,0 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	70 kN
Safe working load	17,5 kN

Electrical characteristics

Test voltage (conductor/shield)	8 kV DC, 5 min
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 at 600 kHz	approx. 0,25 mH/km
Capacitance up to 600 kHz	approx. 120 nF/km
Impedance at 600 kHz	approx. 50 Ω