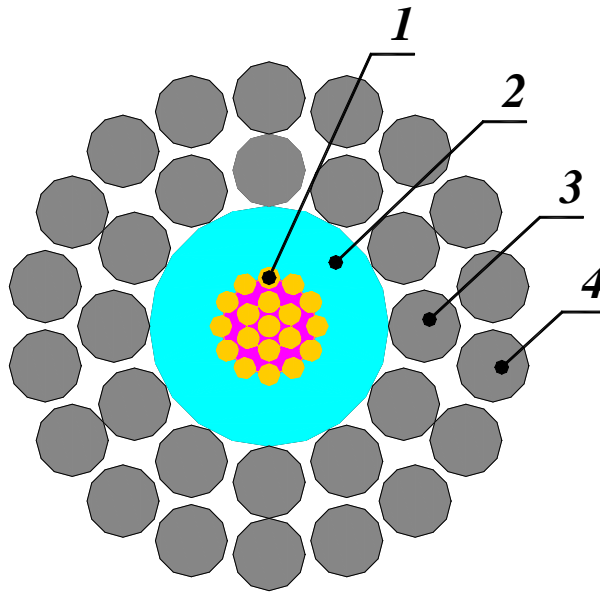


"PSKOVGEOCABLE"

KG 1x2,0-80-150
7/16"



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, AWG 14, 19x0.37mm, (2.0 mm ²), Water blocked	1.8/0.073
2	Insulation	Polypropylene Δ=1,6mm	5.0/0.197
3	Inner armor	Steel galvanized wire 12x1.5mm, grade 190kg/mm ² , water and gas blocking seal	7.9/0.31
4	Outer armor	Steel galvanized wire 18x1.5mm, grade 190kg/mm ² , water and gas blocking seal	10.9/0.43

MECHANICAL CHARACTERISTIC

Weight in Air
 Weight in Water
 Breaking Strength
 Max Working load @ 60% strain
 Temperature Rating (Maximum)
 Suggested Minimum Sheave: dia
 Stretch Coefficient (Nominal)
 Outside Diameter

METRIC

501 kg/km
 402,7 kg/km
 80 kN
 48 kN
 150°C
 450 mm
 0.12 m/km/kN
 10.9 mm^{+0,127mm}_{-0,051mm}

ENGLISH

335,7 lb/kft.
 270 lb/kft
 17985 lbf
 10790 lbf
 301° F
 17,7"
 0.54 ft/kft/kN
 0.43^{+0,005"}_{-0,002"}

ELECTRICAL CHARACTERISTIC

Voltage Rating
 D.C Conductor Resistance
 D.C Armor Resistance
 Capacitance @ 1kHz Conductor to Armor
 Insulation Resistance (Minimum) @ 500 VDC

1500 VDC
 9.97 Ω /km
 4 Ω /km
 110 pF/m
 20000 MΩ*km

1500 VDC
 3 Ω/kft
 1,2 Ω/kft
 33 pF/ft
 6500 MΩ/kft