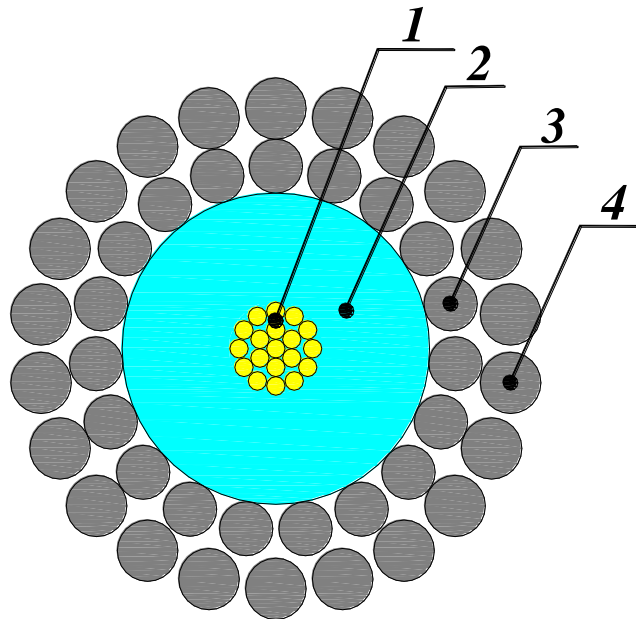


"PSKOVGEOCABLE"

**KG 1x2,0-70-150
7/16"**



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, AWG 18, 19x0.37mm, (2.0 mm ²), Water blocked	1.85/0.073
2	Insulation	Polypropylene Δ=2,25 mm	6.35/0.247
3	Inner armor	Steel galvanized wire 19x1.1mm, grade 190kg/mm ² , water and gas blocking seal	8.35/0.325
4	Outer armor	Steel galvanized wire 22x1.25mm, 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

440,9 kg/km
 345,5 kg/km
 70 kN
 42 kN
 150 C
 450 mm
 0.17 m/km/kN
 10.9 mm<sup>+0,127mm
-0,051mm</sup>

ENGLISH

295,4 lb/kft.
 151,3 lb/kft
 15736 lbf
 9441 lbf
 301 F
 17,7"
 0,765 ft/kft/Kn
 0.43<sup>+0,005"
-0,002"</sup>

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
 4,7 Ω /km
 70 pF/m
 20000 MΩ*km

1500 VDC
 3 Ω/kft
 1,41 Ω/kft
 21 pF/ft
 6500 MΩ/kft