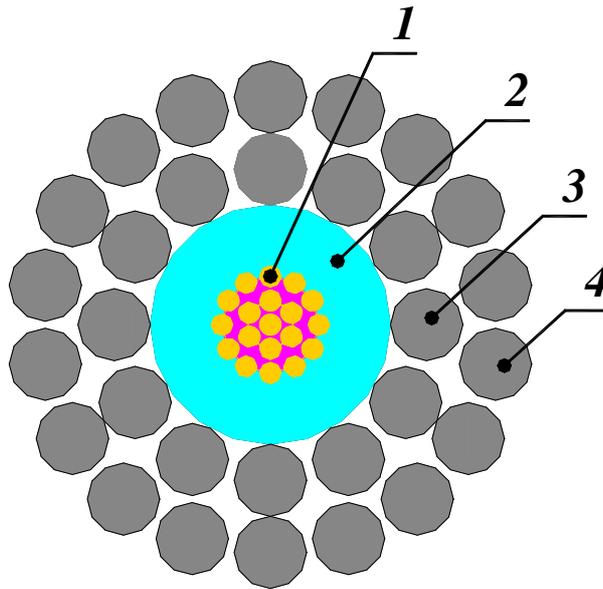


"PSKOVGEOCABLE"

KG 1x2,0-50-90
7/16"



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper , AWG 15, 19x0.37mm, (2.0 mm ²), Water blocked	1.85/0.073
2	Insulation	HDPE;Δ=0,92	3.7/0.14
3	Inner armor	Steel galvanized wire 12x1.1mm, grade 190kg/mm ² , water and gas blocking seal	5.85/0.23
4	Outer armor	Steel galvanized wire 18x1.1mm, grade 190kg/mm ² , water and gas blocking seal	8.05/0.32

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

277,8 kg/km
225,8 kg/km
50 kN
30 kN
90 °C
400 mm
0.3 m/km/kN
8.05 mm^{+0,24mm}_{-0,16mm}

ENGLISH

186 lb/kft.
151,3 lb/kft
11200 lbf
6720 lbf
194 ° F
15,7"
1.35 ft/kft/Kn
0.32 "^{+0,010"}_{-0,006"}

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
7.5 Ω /km
165 pF/m
20000 MΩ*km

1500 VDC
3 Ω/kft
2.3 Ω/kft
50 pF/ft
6500 MΩ/kft