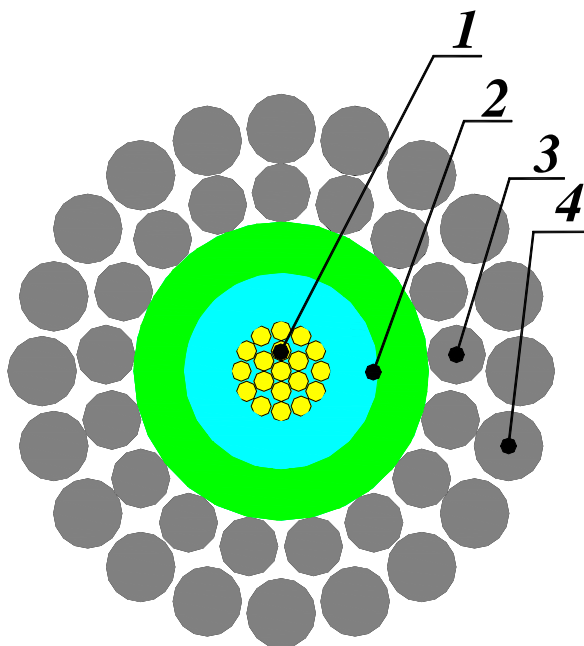


PSKOVGEOCABLE

KG 1x2,0-60-260
5/16"



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, Nickel plated, AWG 18, 19x0.37mm, (2.0 MM ²), Water blocked	1.85/0.073
2	Insulation	Teflon PFA, Δ=0.94 mm (DUPONT trademarks) Tefzel 280, Δ=0.935 mm (DUPONT trademarks)	5.6/0.217
3	Inner armor	Steel galvanized wire 17x1.1mm, grade 190kg/mm ² , water and gas blocking seal	7.65/0.3
4	Outer armor	Steel galvanized wire 20x1.3mm, grade 190kg/mm ² , water and gas blocking seal	10.3/0.4

MECHANICAL CHARACTERISTIC

Weight in Air

434.7 kg/km

291,3 lb/kft.

Weight in Water

350,2 kg/km

234,6 lb/kft

Breaking Strength

60 kN

13488 lbf

Max Working load @ 60% strain

36 kN

8093 lbf

Temperature Rating (Maximum)

260°C

500° F

Suggested Minimum Sheave: dia

450 mm

17,7"

Stretch Coefficient (Nominal)

0.2 m/km/kN

0,9 ft/kft/Kn

Outside Diameter

10.3 mm^{+0,26mm}_{-0,25mm}

0.4"^{+0,01"}_{-0,009"}

ELECTRICAL CHARACTERISTIC

Voltage Rating

1500 VDC

1500 VDC

D.C Conductor Resistance

9.97 Ω /km

3 Ω/kft

D.C Armor Resistance

5 Ω /km

1,5 Ω/kft

Capacitance @ 1kHz Conductor to Armor

92 pF/m

27,6 pF/ft

Insulation Resistance (Minimum) @ 500 VDC

20000 MΩ*km

6500 MΩ/kft