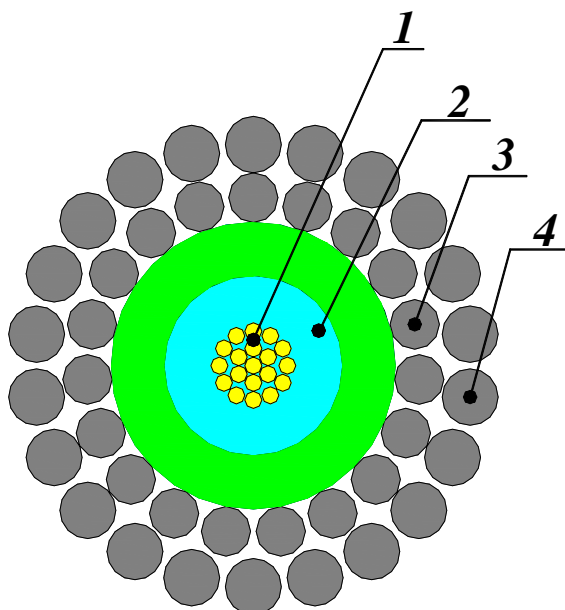


PSKOVGEOCABLE

KG 1x2,0-70-200
5/16"



№	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	Teflon FEP, Δ=1,1 mm (DUPONT trademarks) Tefzel 280, Δ=1,15 mm (DUPONT trademarks)	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

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	468,1 kg/km	313,6 lb/kft.
Weight in Water	373,4 kg/km	250,2 lb/kft
Breaking Strength	70 kN	15736 lbf
Max Working load @ 60% strain	42 kN	9441 lbf
Temperature Rating (Maximum)	200°C	392° F
Suggested Minimum Sheave: dia	450 mm	17,7"
Stretch Coefficient (Nominal)	0.17 m/km/kN	0,765 ft/kft/Kn
Outside Diameter	10.9 mm ^{+0,127mm} _{-0,051mm}	0.43 " ^{+0,005"} _{-0,002"}

ELECTRICAL CHARACTERISTIC

Voltage Rating	1500 VDC	1500 VDC
D.C Conductor Resistance	9.97 Ω /km	3 Ω/kft
D.C Armor Resistance	4,7 Ω /km	1,41 Ω/kft
Capacitance @ 1kHz Conductor to Armor	82 pF/m	24,6 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 MΩ*km	6500 MΩ/kft