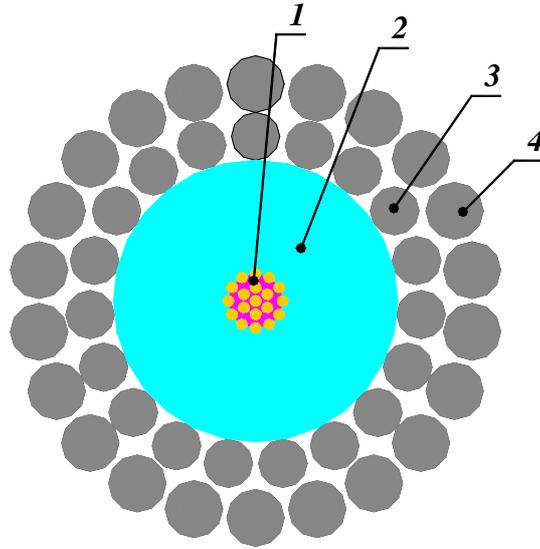


PSKOVGEOCABLE

KG1x1.5-70-180



No.-№	Name of construction	Material	Diameter, mm/in
1.	Conductor	Copper, AWG 16, 19x0.315 mm (1.5 mm ²), Water blocked	1.55/0.06
2.	Insulation	Tefzel 280, Δ=2.42 mm	6.4/0.23
3.	Inner armor	Steel galvanized wire 19x1.1 mm, grade 190 kg/mm ² , water and gas blocking seal	8.6/0.31
4.	Outer armor	Steel galvanized wire 22x1.3 mm, grade 190 kg/mm ² , water and gas blocking seal	11.2/0.43

MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	467 kg/km	312 lb/kft.
Weight in Water	388 kg/km	260 lb/kft
Breaking Strength	70 kN	15700 lbf
Max Working load @ 60% strain	42 kN	9400 lbf
Temperature Rating (Maximum)	180°C	356 ° F
Suggested Minimum Sheave: dia.	450 mm	17,7 “
Stretch Coefficient (Nominal)	0.2 m/km/kN	0.9 ft/kft/klb
Outside Diameter	11,2 mm ^{+0,34mm} -0,22mm	0,43 ” ^{+0,012”} -0,008”

ELECTRICAL CHARACTERISTIC

Voltage Rating	2000VDC	2000VDC
D.C Conductor Resistance	13,2 Ω /km	3,96 Ω/kft
D.C Armor Resistance	4.7 Ω/km	1.41 Ω/kft
Capacitance @ 1kHz Conductor to Armor	70 pF/m	21 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 MΩ*km	6500 MΩ*kft