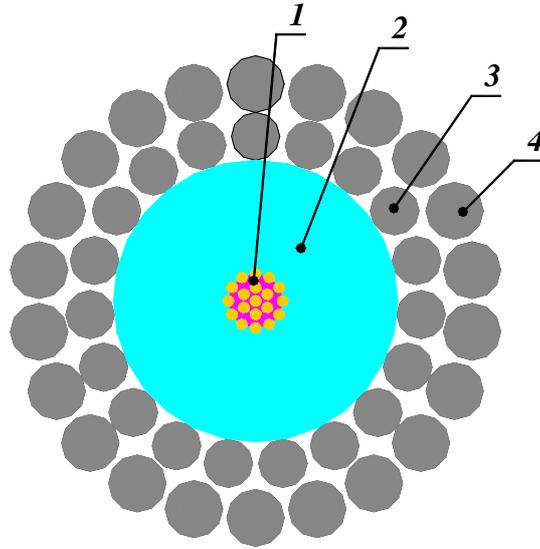


PSKOVGEOCABLE

KG1x1.5-75-180



No.-№	Name of construction	Material	Diameter, mm/in
1.	Conductor	Copper, AWG 16, 19x0.315 mm (1.5 mm ²), Water blocked	1.5/0.06
2.	Insulation	Tefzel 280, Δ=3.05 mm	7.6/0.3
3.	Inner armor	Steel galvanized wire 22x1.1 mm, grade 190 kg/mm ² , water and gas blocking seal	9.6/0.37
4.	Outer armor	Steel galvanized wire 24x1.3 mm, grade 190 kg/mm ² , water and gas blocking seal	12.2/0.47

MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	549,3 kg/km	368 lb/kft.
Weight in Water	429,5 kg/km	288 lb/kft
Breaking Strength	75 kN	16860 lbf
Max Working load @ 60% strain	45 kN	10116 lbf
Temperature Rating (Maximum)	180°C	356 ° F
Suggested Minimum Sheave: dia.	500 mm	19.4 "
Stretch Coefficient (Nominal)	0.2 m/km/kN	0.9 ft/kft/klb
Outside Diameter	12,2 mm ^{+0,34mm} -0,22mm	0,47 " ^{+0,012"} -0,008"

ELECTRICAL CHARACTERISTIC

Voltage Rating	660VDC	660VDC
D.C Conductor Resistance	13,2 Ω /km	3,96 Ω/kft
D.C Armor Resistance	4.2 Ω/km	1.26 Ω/kft
Capacitance @ 1kHz Conductor to Armor	72 pF/m	21,6 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 MΩ*km	6500 MΩ*kft