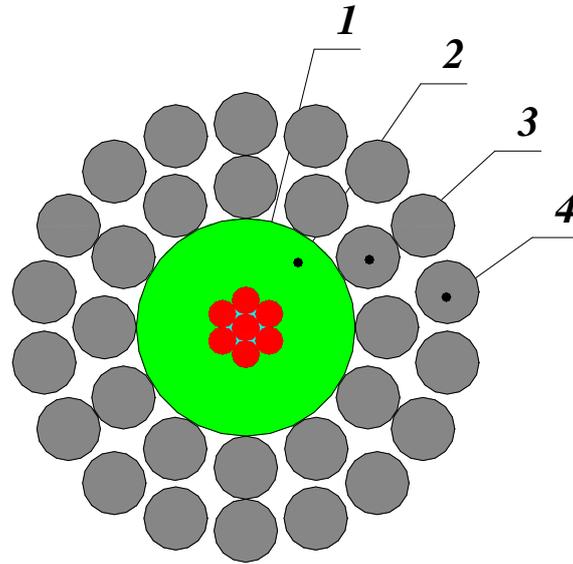


PSKOVGEOCABLE

KG 1x0,75-40-150



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, AWG 18, 7x0.37mm (0.75 mm ²), Water blocked	1.11/0.04
2	Insulation	Polypropylene 02015-302 KM, Δ=1,25 mm	3,61/0.14
3	Inner armor	Steel galvanized wire 14x0.89 mm, grade 190 kg/mm ² , water and gas blocking seal	5,4/0.21
4	Outer armor	Steel galvanized wire 17x1,1 mm, grade 190 kg/mm ² , water and gas blocking seal	7,6/0.3

MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	234,8 kg/km	157,3 lb/kft.
Weight in Water	188,1 kg/km	126 lb/kft
Breaking Strength	40 kN	8992 lbf
Max Working load @ 60% strain	24 kN	5395 lbf
Temperature Rating (Maximum)	150°C	301 ° F
Suggested Minimum Sheave: dia.	310 mm	12 "
Stretch Coefficient (Nominal)	0.45 m/km/kN	2,025 ft/kft/klb
Outside Diameter	7,6 mm ^{+0,23mm} _{-0,115mm}	0,3 " ^{+0,008"} _{-0,005"}

ELECTRICAL CHARACTERISTIC

Voltage Rating	660VDC	660VDC
D.C Conductor Resistance	25,5 Ω /km	7.65 Ω/kft
D.C Armor Resistance	8,4 Ω/km	2,52 Ω/kft
Capacitance @ 1kHz Conductor to Armor	148 pF/m	44,4 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 MΩ*km	6500 MΩ*kft