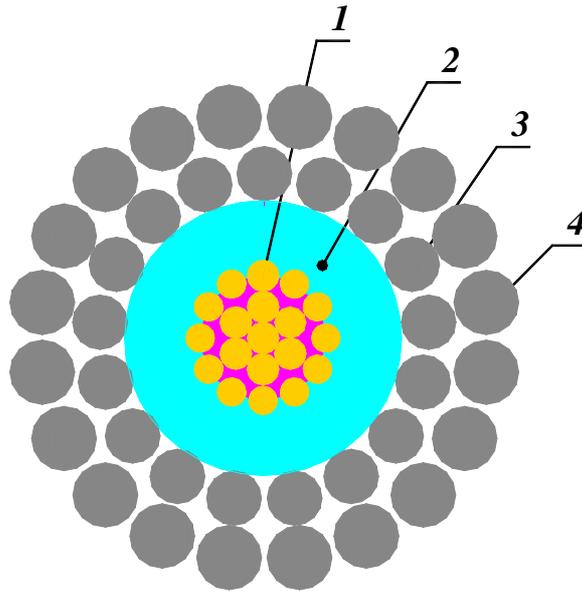


PSKOVGEOKABEL

KG 1x6-65-150



№	Name of construction	Material	Diameter, mm/in
1.	Conductor	Copper, AWG 20, 19x0,63 (6,0 mm ²) Water blocked	4.41/0.15
2.	Insulation	Polypropylene, Δ=0,52 mm	5.45/0.19
3.	Inner armor	Steel galvanized wire 17x1.1mm, grade 190 kg/mm ² , corrosion blocking seal	7.65/0.27
4.	Outer armor	Steel galvanized wire 20x1.3 mm, grade 190 kg/mm ² , corrosion blocking seal	10.25/0.39

MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	445,6 kg/km	298,5 lb/kft.
Weight in Water	361,9 kg/km	242,5 lb/kft
Breaking Strength	65 kN	14600 lbf
Max Working load @ 60% strain	39 kN	8750 lbf
Temperature Rating (Maximum)	150 °C	302 ° F
Suggested Minimum Sheave: dia.	450 mm	17.7 "
Stretch Coefficient (Nominal)	0.17 m/km/kN	0,765 ft/kft/klb
Outside Diameter	10,25 mm ^{+0,30mm} _{-0,20mm}	0,39 " ^{+0,01"} _{-0,008"}

ELECTRICAL CHARACTERISTIC

Voltage Rating `	1500 VDC	1500 VDC
D.C Conductor Resistance	3,11 Ω /km	1 Ω /kft
D.C Armor Resistance	5 Ω/km	1.5 Ω/kft
Capacitance @ 1kHz Conductor to Armor	120 pF/m	36 pF/ft
Insulation Resistance (Minimum) @ 1000 VDC	20000 MΩ/km	6500 MΩ/kft