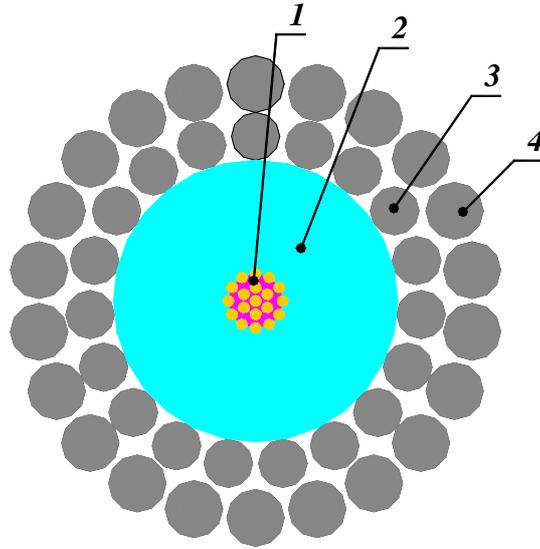


# PSKOVGEOCABLE

**KG1x1.5-75-150**



No.-№	Name of construction	Material	Diameter, mm/in
1.	Conductor	Copper, AWG 16, 19x0.315 mm (1.5 mm <sup>2</sup> ), Water blocked	1.5/0.06
2.	Insulation	Polypropylene 02015-302 KM, Δ=3.05 mm	7.6/0.3
3.	Inner armor	Steel galvanized wire 22x1.1 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	9.6/0.37
4.	Outer armor	Steel galvanized wire 24x1.3 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	12.2/0.47

## MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	516 kg/km	345.7 lb/kft.
Weight in Water	395 kg/km	264.5 lb/kft
Breaking Strength	75 kN	16860 lbf
Max Working load @ 60% strain	45 kN	10116 lbf
Temperature Rating (Maximum)	150°C	302 ° 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 <sup>+0,34mm</sup> <sub>-0,22mm</sub>	0,47 " <sup>+0,012"</sup> <sub>-0,008"</sub>

## 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	65 pF/m	19,5 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 MΩ*km	6500 MΩ*kft