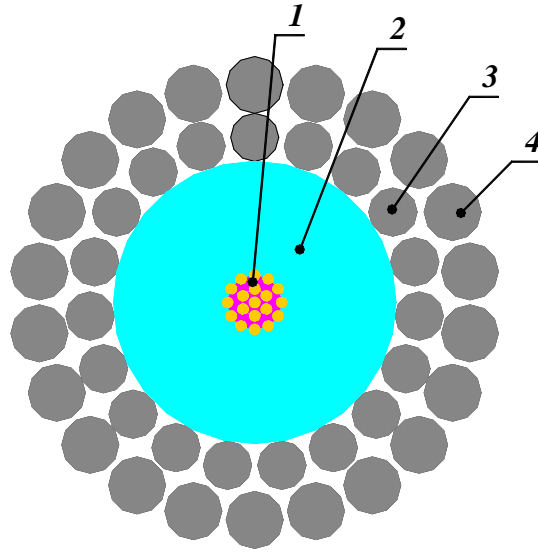


# PSKOVGEOCABLE

**KG1x1.5-70-260**



No.-№	Name of construction	Material	Diameter, mm/in
1.	Conductor	Copper, AWG 16, 19x0.315 mm (1.5 mm <sup>2</sup> ), Water blocked	1.55/0.06
2.	Insulation	Teflon PFA, Δ=1.21 mm; Tefzel 280, Δ=1.21 mm.	6.4/0.23
3.	Inner armor	Steel galvanized wire 19x1.1 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	8.6/0.31
4.	Outer armor	Steel galvanized wire 22x1.3 mm, grade 190 kg/mm <sup>2</sup> , 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)	260°C	500 ° 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 <sup>+0,34mm</sup> <sub>-0,22mm</sub>	0,43 ” <sup>+0,012”</sup> <sub>-0,008”</sub>

## 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