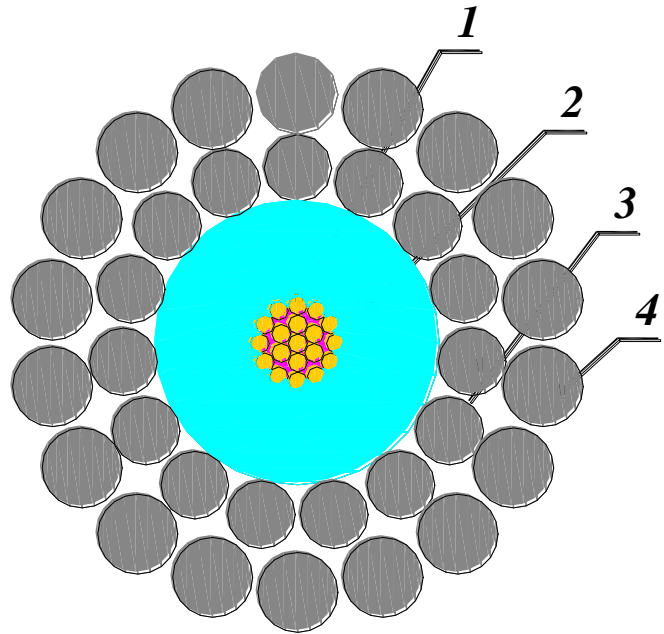


PSKOVGEOCABLE

KG 1x1.5-55-150



№-№	Name of construction	Material	Diameter, mm/in
1.	Conductor	Copper, AWG 20, 19x0.315 mm (1.5 mm ²), Water blocked	1.55/0.06
2.	Insulation	Polypropylene 02015-302 KM, Δ=1.57 mm	4,7/0.157
3.	Inner armor	Steel galvanized wire 15x1.1 mm, grade 190 kg/mm ² , water and gas blocking seal	6.8/0.23
4.	Outer armor	Steel galvanized wire 18x1.3 mm, grade 190 kg/mm ² , water and gas blocking seal	9,4/0.35

MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	361,6 kg/km	242,3 lb/kft.
Weight in Water	290 kg/km	194,3 lb/kft
Breaking Strength	55 kN	12364 lbf
Max Working load @ 60% strain	33 kN	7420 lbf
Temperature Rating (Maximum)	150 C	302 F
Suggested Minimum Sheave: dia.	430 mm	17 "
Stretch Coefficient (Nominal)	0.22 m/km/kN	0.99 ft/kft/klb
Outside Diameter	9,4 mm ^{+0,34mm} _{-0,22mm}	0,35" ^{+0,012"} _{-0,008"}

ELECTRICAL CHARACTERISTIC

Voltage Rating	1500VDC	1500VDC
D.C Conductor Resistance	13,2 Ω /km	4 Ω/kft
D.C Armor Resistance	5,4 Ω/km	1,62 Ω/kft
Capacitance @ 1kHz Conductor to Armor	100 pF/m	30 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 MΩ*km	6500 MΩ*kft