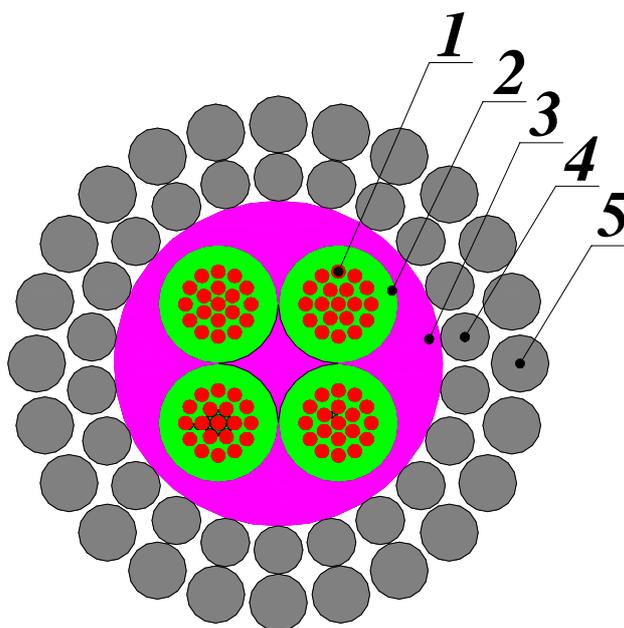


PSKOVGEOCABLE

KG 4x2.0-70-150



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, AWG 14, 19x0.38 mm (2.0 mm ²) Water blocked	1.85/0.07
2	Insulation	Polypropylene Δ=0.43 mm	2.71/0.103
3	Belt	Polypropylene Δ=0.43 mm	7.5/0.285
4	Inner armor	Steel galvanized wire 22x1.1 mm, grade 190 kg/mm ² , water and gas blocking seal	9.6/0.365
5	Outer armor	Steel galvanized wire 24x1.3 mm, grade 190 kg/mm ² , water and gas blocking seal	12.2/0.46

MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	576.2 kg/km	386 lb/kft.
Weight in Water	403,4 kg/km	270,3 lb/kft
Breaking Strength	70 kN	15736 lbf
Max Working load @ 60% strain	42 kN	9441 lbf
Temperature Rating (Maximum)	150°C	301 ° F
Suggested Minimum Sheave: dia.	500 mm	19 "
Stretch Coefficient (Nominal)	0.18 m/km/kN	0.84 ft/kft/klb
Outside Diameter	12,2 mm ^{+0,11mm} _{-0,07mm}	0,46 " ^{+0,005"} _{-0,004"}

ELECTRICAL CHARACTERISTIC

Voltage Rating	660VDC	660VDC
D.C Conductor Resistance	9,97 Ω/km	3 Ω/kft
D.C Armor Resistance	4,2 Ω /km	1,26 Ω/kft
Capacitance @ 1kHz Conductor to Armor	140 pF/m	42 pF/ft
Insulation Resistance (Minimum) @ 1000 VDC	20000 MΩ*km	6000 MΩ*kft