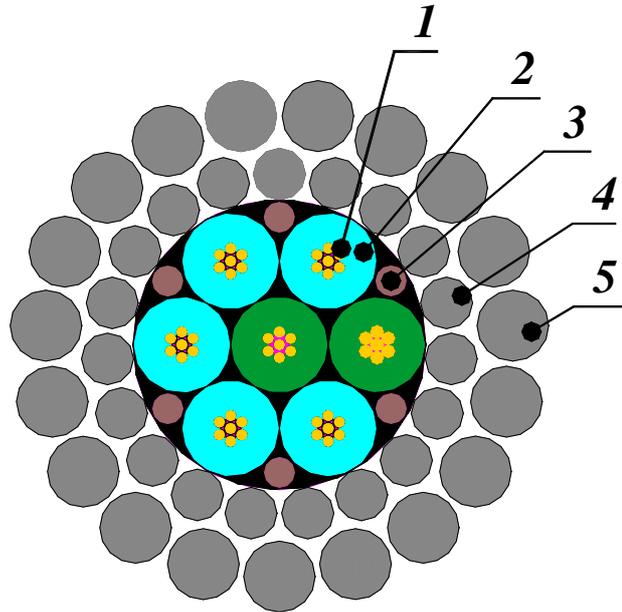


PSKOVGEOCABLE

KG7x0.2-40-150



•	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, 7x0.22 mm, (0.25 mm ²)	0.63/0.025
2	Insulation	Polypropylene Δ=0.45 mm	1.53/0.06
3	Filler	Silicon compound, thread, and tape binder	4.6/0.18
4	Inner armor	Steel galvanized wire 19x0.8 mm, grade 190 kg/mm ² , corrosion blocking seal	6.2/0.24
5	Outer armor	Steel galvanized wire 19x1.1 mm, grade 190 kg/mm ² , corrosion blocking seal	8.4/0.33

MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	257,3 kg/km	172,4 lb/kft.
Weight in Water	203,6 kg/km	136,4 lb/kft
Breaking Strength	40 kN	9000 lbf
Max Working load @ 60% strain	24kN	5400 lbf
Temperature Rating (Maximum)	150°C	301° F
Suggested Minimum Sheave: dia.	400 mm	15,7"
Stretch Coefficient (Nominal)	0.4 m/km/kN	1.8 ft/kft/klb
Outside Diameter	8,4 mm ^{+0,25mm} _{-0,17mm}	0,33" ^{+0,010"} _{-0,007"}

ELECTRICAL CHARACTERISTIC

Voltage Rating	300 VDC	300 VDC
D.C Conductor Resistance	89,1 Ω/km	26,7 Ω/kft
D.C Armor Resistance	7 Ω/km	2.1 Ω/kft
Capacitance @ 1kHz Conductor to Armor	180 pF/m	54 pF/ft
Insulation Resistance (Minimum) @ 1000 VDC	10000 MΩ*km	3250 MΩ*kft