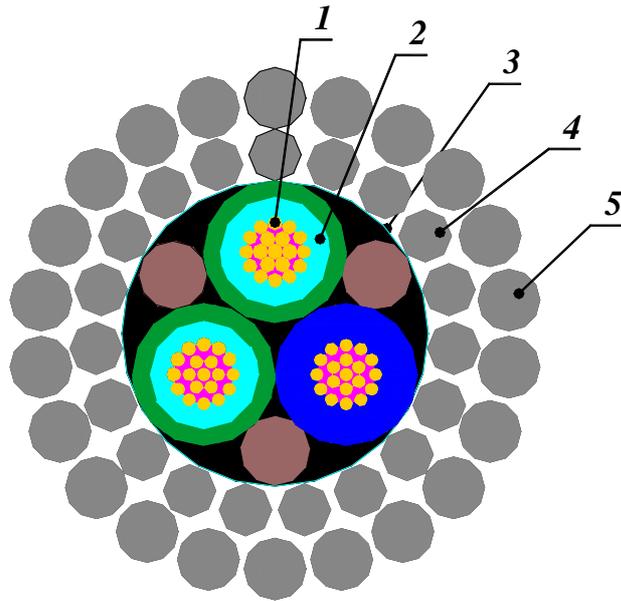


PSKOVGEOCABLE

KG 3x1.5-70-200
7/16"



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, Nickel plated, AWG 16, 19x0.315mm (1.5 mm ²), Water blocked	1.55/0.06
2	Insulation	Teflon FEP, Δ=0.35 mm (DUPONT trademarks) Tefzel 280, Δ=0.35 mm (DUPONT trademarks)	2.95/0.116
3	Filler	Silicon compound, thread, and tape binder	6.15/0.24
4	Inner armor	Steel galvanized wire 19x1.1 mm, grade 190 kg/mm ² , water and gas blocking seal	8.35/0.33
5	Outer armor	Steel galvanized wire 22x1.25 mm, grade 190 kg/mm ² , water and gas blocking seal	10.85/0.43

MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	469,9 kg/km	314,8 lb/kft
Weight in Water	384,1 kg/km	257 lb/kft
Breaking Strength	70 kH	15700 lbf
Max Working load @ 60% strain	42 kH	9400 lbf
Temperature Rating (Maximum)	200 °C	392 °F
Suggested Minimum Sheave: dia	480 mm	19"
Stretch Coefficient (Nominal)	0.2 m/km/kH	0,9 ft/kft/klb
Outside Diameter	10.85 mm ^{+0,33mm} _{-0,22mm}	0,33" ^{+0,010"} _{-0,007"}

ELECTRICAL CHARACTERISTIC

Voltage Rating	660 VDC	660 VDC
D.C Conductor Resistance	13,2 Ω/km	3,96 Ω/kft
D.C Armor Resistance	4.7 Ω/km	1.3 Ω/kft
Capacitance @ 1kHz Conductor to Armor	186 pF/m	55,8 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 M Ω/km	6500 MΩ/kft