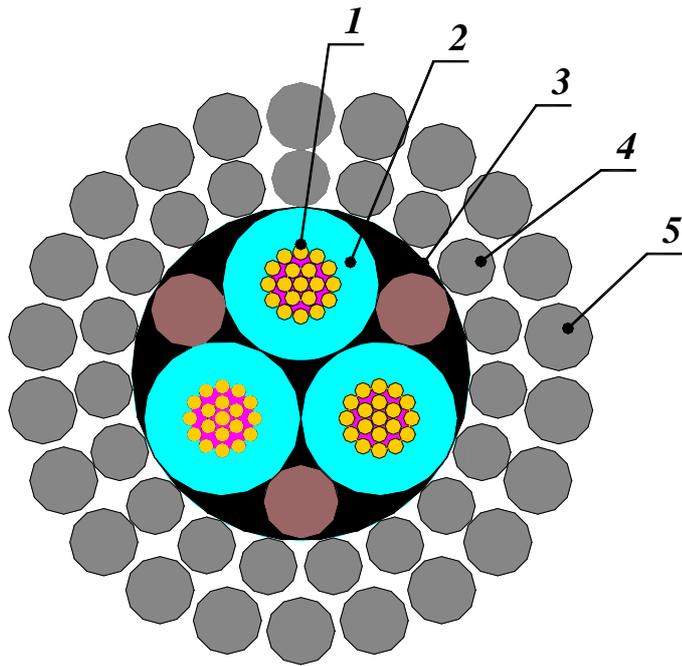


PSKOVGEOCABLE

KG 3x1.5-70-150
7/16"



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, 19x0.315mm (1.5 mm ²)	1.55/0.06
2	Insulation	Polypropylene Δ=0.7mm	2,95/0.116
3	Filler	Silicon compound, thread, and tape binder	6,15/0.242
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

METRIC

ENGLISH

Weight in Air		455,8 kg/km	305,4 lb/kft
Weight in Water		369,9 kg/km	248 lb/kft
Breaking Strength		70 kH	15700 lbf
Max Working load @ 60% strain		42 kH	9420 lbf
Temperature Rating (Maximum)		150 °C	301 °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	4.3 Ω/km	1.3 Ω/kft
Capacitance @ 1kHz Conductor to Armor	150 pF/m	45 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 M Ω/km	6500 MΩ/kft