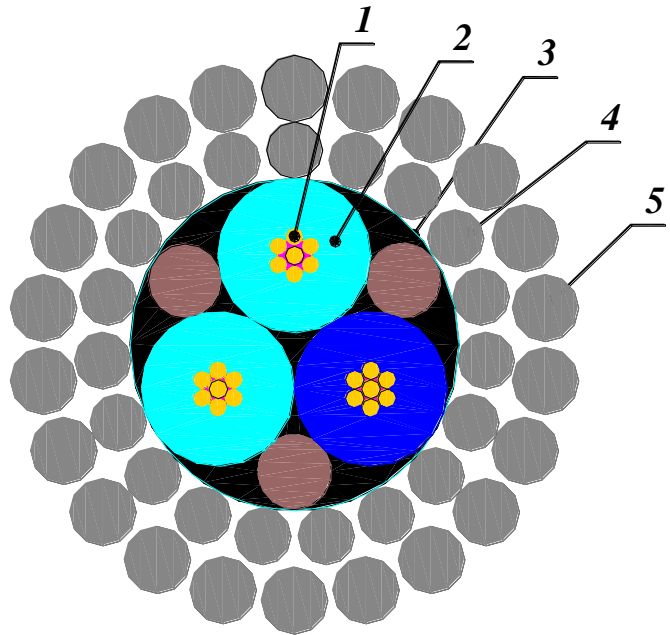


# PSKOVGEOCABLE

**KG 3x0.75-70-150  
7/16"**



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, AWG 18, 7x0.37mm (0,75 mm <sup>2</sup> )	1.11/0.06
2	Insulation	Polypropylene Δ=0.92mm	2,95/0.12
3	Filler	Silicon compound, thread, and tape binder	6,15/0.23
4	Inner armor	Steel galvanized wire 19x1.1 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	8.35/0.33
5	Outer armor	Steel galvanized wire 22x1.25 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	10.85/0.43

## MECHANICAL CHARACTERISTIC

## METRIC

## ENGLISH

Weight in Air		442 kg/km	296 lb/kft
Weight in Water		367 kg/km	246 lb/kft
Breaking Strength		70 kH	15,7 lbf
Max Working load @ 60% strain		42 kH	9.42 lbf
Temperature Rating (Maximum)		180 °C	356 °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 <sup>+0,33mm</sup> <sub>-0,22mm</sub>	0,43" <sup>+0,010"</sup> <sub>-0,007"</sub>

## ELECTRICAL CHARACTERISTIC

Voltage Rating	660 VDC	660 VDC
D.C Conductor Resistance	25,5 Ω/km	7,65 Ω/kft
D.C Armor Resistance	4.7 Ω/km	1.41 Ω/kft
Capacitance @ 1kHz Conductor to Armor	140 pF/m	42.7 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 M Ω/km	6500 MΩ/kft