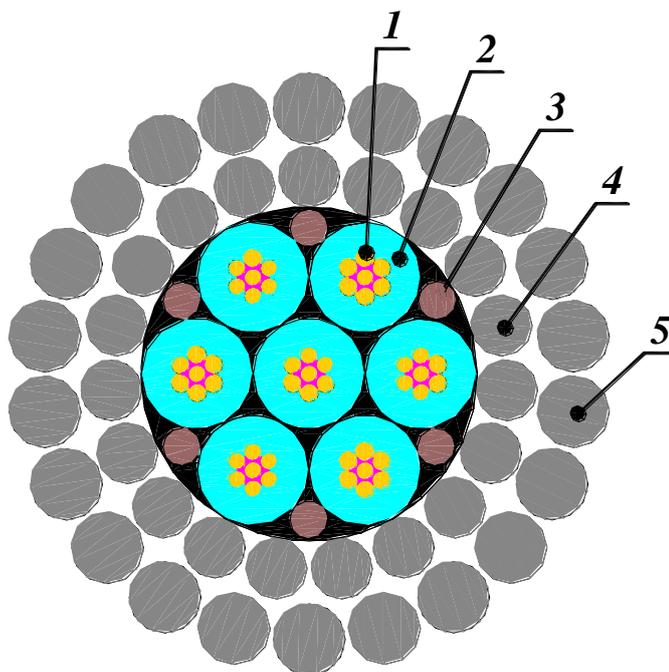


# PSKOVGEOCABLE

**KG7x0.5-70-180**  
**7/16"**



№	Name of construction	Material	Diametr, mm/in
1	Conductor	Copper, AWG 20 , 7x0.31 mm, (0.5 mm <sup>2</sup> ), Water blocked	0.96/0.038
2	Insulation	TEFZEL-280 Δ=0.52 mm, (DUPONT trademarks)	2.0/0.079
3	Filler	Silicon compaund, thread, and tape binder	6.15/0.24
4	Inner armor	Steel galvanized wire 19x1,1 mm, grade 190 kg/mm <sup>2</sup> , corrosion blocking seal	8.35/0.327
5	Outer armor	Steel galvanized wire 22x1,25 mm, grade 190 kg/mm <sup>2</sup> , corrosion blocking seal	10.85/0.425

## MECHANICAL CHARACTERISTIC

Weight in Air  
Weight in Water  
Breaking Strength  
Max Working load @ 60% strain  
Temperature Rating (Maximum)  
Suggested Minimum Sheave: dia.  
Stretch Coefficient (Nominal)  
Outside Diameter

## METRIC

447,3 kg/km  
349,5 kg/km  
70 kN  
42 kN  
180 C  
480 mm  
0.2 m/km/kH  
10.85 mm<sup>+0,32mm</sup><sub>-0,22mm</sub>

## ENGLISH

300 lb/kft.  
234,1 lb/kft  
15700 lbf  
9400 lbf  
356 F  
19 "  
0.9 ft/kft/klb  
0,425 "<sup>+0,013"</sup><sub>-0,009"</sub>

## ELECTRICAL CHARACTERISTIC

Voltage Rating  
D.C Conductor Resistance  
D.C Armor Resistance  
Capacitance @ 1kHz Conductor to Armor  
Insulation Resistance (Minimum) @ 1000 VDC

660 VDC  
40,5 Ω/km  
4.2 Ω/km  
170 pF/m  
20000 MΩ\*km

660 VDC  
12.2 Ω/kft  
1.26 Ω/kft  
51 pF/ft  
6500 MΩ\*kft