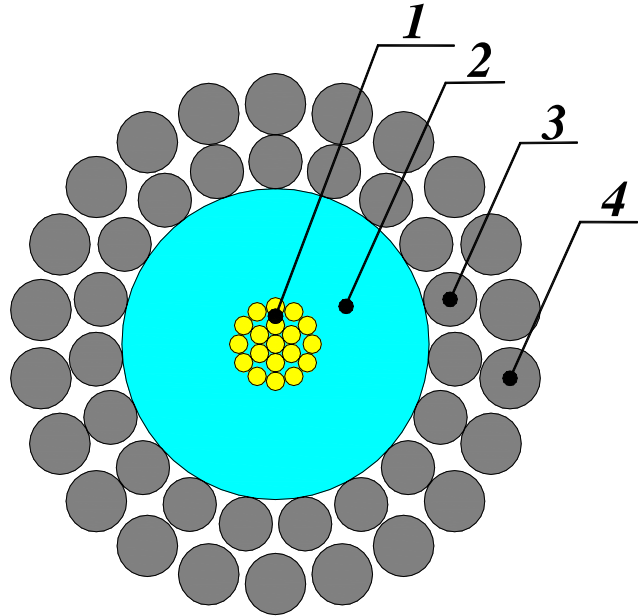


# "PSKOVGEOCABLE"

**KG 1x2,0-70-180**  
**7/16"**



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, AWG 18, 19x0.37mm, (2.0 mm <sup>2</sup> ), Water blocked	1.85/0.073
2	Insulation	Tefzel 280, Δ=2,25 mm	6.35/0.247
3	Inner armor	Steel galvanized wire 19x1.1mm, grade 190kg/mm <sup>2</sup> , water and gas blocking seal	8.35/0.325
4	Outer armor	Steel galvanized wire 22x1.25mm, grade 190kg/mm <sup>2</sup> , water and gas blocking seal	10.9/0.43

## 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

463,1 kg/km  
 368,5 kg/km  
 70 kN  
 42 kN  
 180°C  
 450 mm  
 0.17 m/km/kN  
 10.9 mm<sup>+0,127mm</sup><sub>-0,051mm</sub>

## ENGLISH

310,3 lb/kft.  
 247 lb/kft  
 15736 lbf  
 9441 lbf  
 356° F  
 17,7"  
 0,765 ft/kft/Kn  
 0.43<sup>+0,005"</sup><sub>-0,002"</sub>

## ELECTRICAL CHARACTERISTIC

Voltage Rating  
 D.C Conductor Resistance  
 D.C Armor Resistance  
 Capacitance @ 1kHz Conductor to Armor  
 Insulation Resistance (Minimum) @ 500 VDC

1500 VDC  
 9.97 Ω /km  
 4,7 Ω /km  
 78 pF/m  
 20000 MΩ\*km

1500 VDC  
 3 Ω/kft  
 1,41 Ω/kft  
 23,4 pF/ft  
 6500 MΩ/kft