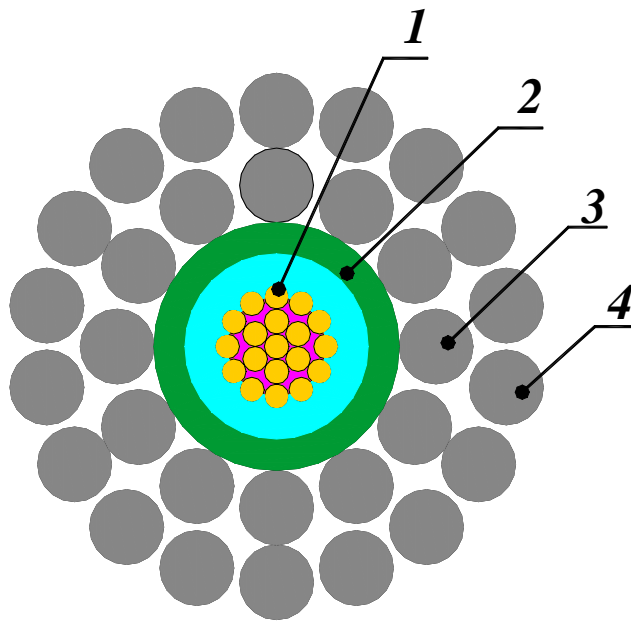


# PSKOVGEOCABLE

**KG 1x2,0-80-260  
5/16"**



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, Nickel plated, AWG 14, 19x0.37mm, (2.0 mm <sup>2</sup> ), Water blocked	1.8/0.073
2	Insulation	Teflon PFA, Δ=0.8 mm (DUPONT trademarks) Tefzel 280, Δ=0.8 mm (DUPONT trademarks)	5.0/0.197
3	Inner armor	Steel galvanized wire 12x1.5mm, grade 190kg/mm <sup>2</sup> , water and gas blocking seal	7.9/0.31
4	Outer armor	Steel galvanized wire 18x1.5mm, 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

517,2 kg/km  
425,6 kg/km  
80 kN  
48 kN  
260°C  
450 mm  
0.12 m/km/kN  
10.9 mm<sup>+0,127mm</sup><sub>-0,051mm</sub>

## ENGLISH

346,5 lb/kft.  
285 lb/kft  
17985 lbf  
10790 lbf  
500° F  
17,7"  
0.54 ft/kft/KN  
0.32 "<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 Ω /km  
120 pF/m  
20000 MΩ\*km

1500 VDC  
3 Ω/kft  
1.2 Ω/kft  
36 pF/ft  
6500 MΩ/kft