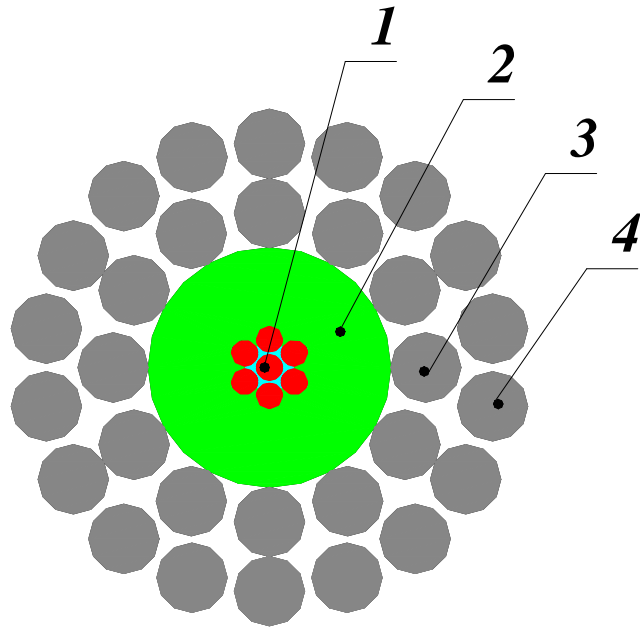


# PSKOVGEOCABLE

**KG 1x0.35-10-180**



No	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, AWG 21, 7x0.26mm (0.35 mm <sup>2</sup> ) Water blocked	0.78/0.03
2	Insulation	Tefzel 280, Δ=0.46mm (DUPONT trademarks)	1.7/0.07
3	Inner armor	Steel galvanized wire 12x0.5 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	2.6/0.1
4	Outer armor	Steel galvanized wire 18x0.5 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	3.6 /0.14

## 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

58 kg/km  
 47,5 kg/km  
 10 kN  
 6 kN  
 180 °C  
 200 mm  
 1,5 m/km/kH  
 3,6 mm<sup>+0,11mm</sup><sub>-0,07mm</sub>

## ENGLISH

38,8 lb/kft.  
 31.8 lb/kft  
 2248 lbf  
 1349 lbf  
 356 ° F  
 8"  
 6,5 ft/kft/klb  
 0,14 "<sup>+0,004"</sup><sub>-0,003"</sub>

## ELECTRICAL CHARACTERISTIC

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

300 VDC  
 57 Ω /km  
 46 Ω/km  
 160 pF/m  
 20000 MΩ/km

300 VDC  
 17.37 Ω /kft  
 11 Ω/kft  
 48 pF/ft  
 6500 MΩ/kft