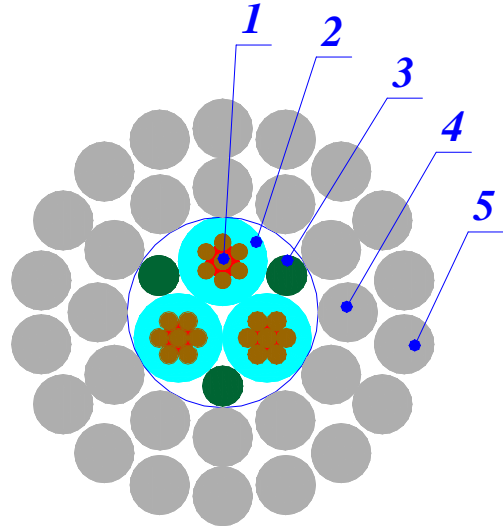


# PSKOVGEOCABLE

**KG 3x0.35-24-180**



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, AWG 21, 7x0.26 mm (0.35 mm <sup>2</sup> ) Water blocked	0.75/0.03
2	Insulation	Tefzel 280 Δ=0.415mm	1.58/0.062
3	Filler	Silicon compound, thread, and tape binder	3.4/0.134
4	Inner armor	Steel galvanized wire 12x0.8 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	4.20/0.165
5	Outer armor	Steel galvanized wire 18x0.8 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	5.80/0.23

## 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

146,3 kg/km  
 118,4 kg/km  
 24 kN  
 14.5 kN  
 180°C  
 300 mm  
 0.55 m/km/kN  
 5,8 mm<sup>+0,17mm</sup><sub>-0,12mm</sub>

## ENGLISH

96 lb/kft.  
 83 lb/kft  
 5500 lbf  
 3300 lbf  
 356 ° F  
 11.8 “  
 2.47 ft/kft/klb  
 0,23 ”<sup>+0,008”</sup><sub>-0,005”</sub>

## ELECTRICAL CHARACTERISTIC

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

660VDC  
 57 Ω/km  
 15 Ω /km  
 150 pF/m  
 10000 MΩ\*km

660VDC  
 17.1 Ω/kft  
 4.5 Ω/kft  
 45 pF/ft  
 3250 MΩ\*kft