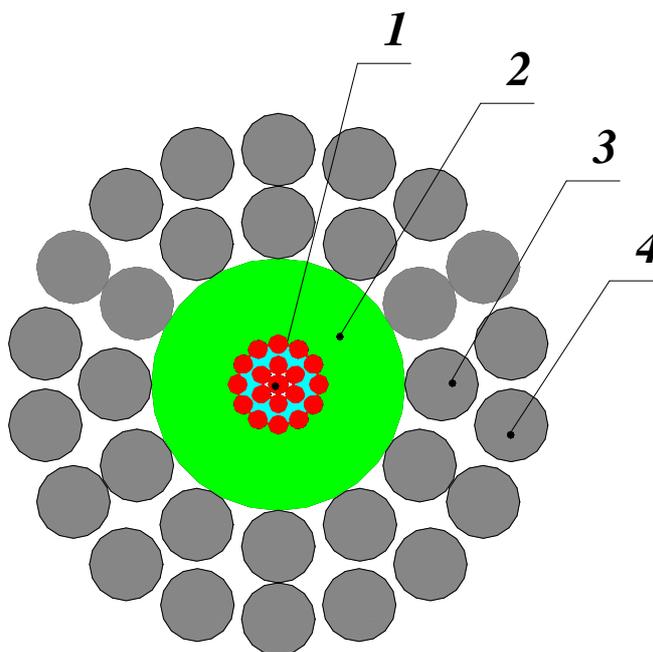


# PSKOVGEOCABLE

**KG 1x1.5-24-150**



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, AWG 18, 19x0.315mm (1.5 mm <sup>2</sup> ), Water blocked.	1.55/0.061
2	Insulation	Polypropylene 02015-302 KM, Δ=0.63 mm	2.81/0.10
3	Inner armor	Steel galvanized wire 12x0.8 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	4.3/0.17
4	Outer armor	Steel galvanized wire 18x0.8 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	5.8/0.23

## 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

148,6 kg/km  
 121,2 kg/km  
 24 kN  
 14.5 kN  
 150°C  
 300 mm  
 0.55 m/km/kN  
 5,8 mm<sup>+0,17mm</sup><sub>-0,12mm</sub>

## ENGLISH

99,5 lb/kft.  
 81,2 lb/kft  
 5500 lbf  
 3300 lbf  
 301 ° F  
 11.8 "  
 2.65 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) @ 500 VDC 20000 MΩ\*km

660VDC  
 13,2 Ω /km  
 15 Ω /km  
 155 pF/m

660VDC  
 3,96 Ω/kft  
 4.5 Ω/kft  
 46,5 pF/ft  
 6500 MΩ\*kft