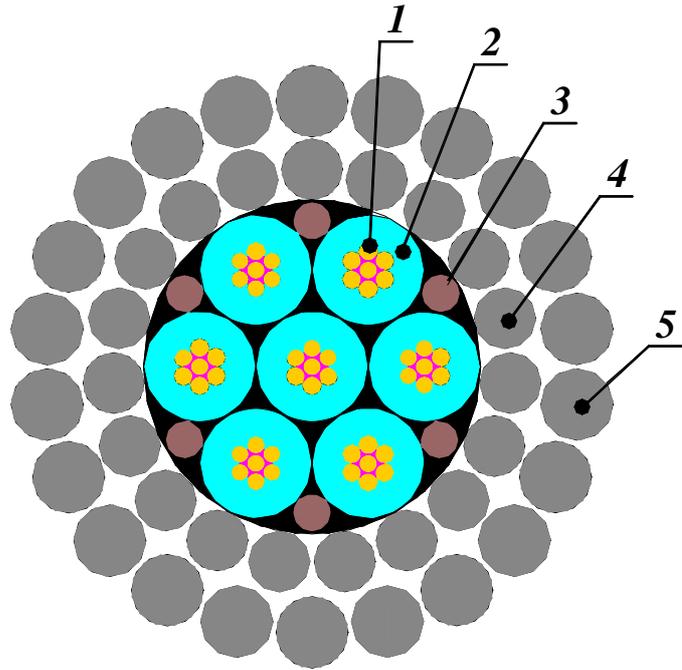


# PSKOVGEOCABLE

**KG 7x0.5-60-150**



Nº	Name of construction	Material	Diametr, mm/in
1	Conductor	Copper, AWG 20 , 7x0.31 mm, (0.5 mm <sup>2</sup> ), Water blocked	0.9/0.035
2	Insulation	Polypropylene Δ=0.6 mm	2.1/0.08
3	Filler	Silicon compaund, thread, and tape binder	6.3/0.24
4	Inner armor	Steel galvanized wire 22x0,89 mm, grade 190 kg/mm <sup>2</sup> , corrosion blocking seal	8.2/0.319
5	Outer armor	Steel galvanized wire 24x1,1 mm, grade 190 kg/mm <sup>2</sup> , corrosion blocking seal	10.4/0.4

## 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

378,6 kg/km  
 270,4 kg/km  
 60 kN  
 36 kN  
 150°C  
 480 mm  
 0.32 m/km/kH  
 10.4 mm<sup>+0,32mm</sup><sub>-0,22mm</sub>

## ENGLISH

253,6 lb/kft.  
 181,2 lb/kft  
 13488 lbf  
 8093 lbf  
 301° F  
 19 “  
 1.28 ft/kft/klb  
 0,4 ”<sup>+0,013”</sup><sub>-0,022”</sub>

## ELECTRICAL CHARACTERISTIC

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

660 VDC  
 40,5 Ω/km  
 5,3 Ω/km  
 164 pF/m  
 20000 MΩ\*km

660 VDC  
 12.2 Ω/kft  
 1.59 Ω/kft  
 42 pF/ft  
 6500 MΩ\*kft