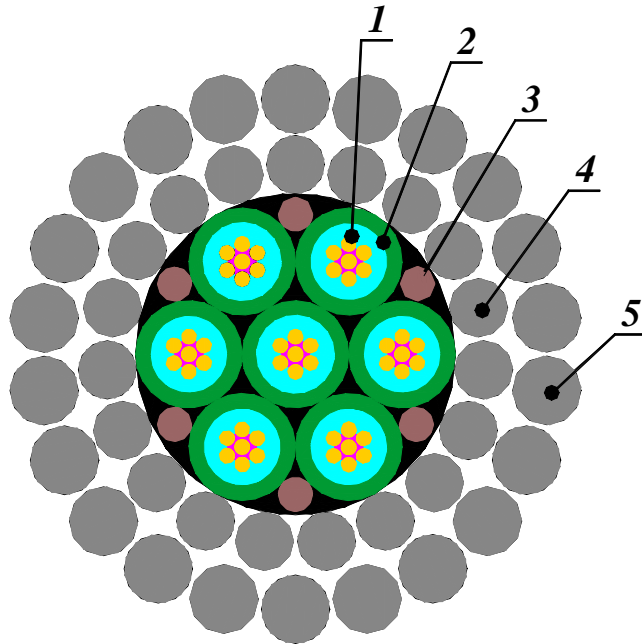


# PSKOVGEOCABLE

**KG7x0.5-60-260**  
**7/16"**



Nº	Name of construction	Material	Diametr, mm/in
1	Conductor	Copper, Nickel plated, AWG 20 , 7x0.31 mm, (0.5 mm <sup>2</sup> ), Water blocked	0.9/0.035
2	Insulation	TEFLON PFA Δ=0.3 MM, (DUPONT trademarks) TEFZEL-280 Δ=0.3 MM, (DUPONT trademarks)	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

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	398,7 kg/km	267,1 lb/kft.
Weight in Water	290,5 kg/km	194,6 lb/kft
Breaking Strength	60 kN	13488 lbf
Max Working load @ 60% strain	36 kN	8093 lbf
Temperature Rating (Maximum)	260°C	500° F
Suggested Minimum Sheave: dia.	480 mm	19 "
Stretch Coefficient (Nominal)	0.32 m/km/kH	1,28 ft/kft/klb
Outside Diameter	10.4 mm <sup>+0,32mm</sup> <sub>-0,22mm</sub>	0,4 " <sup>+0,013"</sup> <sub>-0,022"</sub>

## ELECTRICAL CHARACTERISTIC

Voltage Rating	660 VDC	660 VDC
D.C Conductor Resistance	40,5 Ω/km	12.2 Ω/kft
D.C Armor Resistance	5,3 Ω/km	1.59 Ω/kft
Capacitance @ 1kHz Conductor to Armor	155 pF/m	46,5 pF/ft
Insulation Resistance (Minimum) @ 1000 VDC	20000 MΩ*km	6500 MΩ*kft