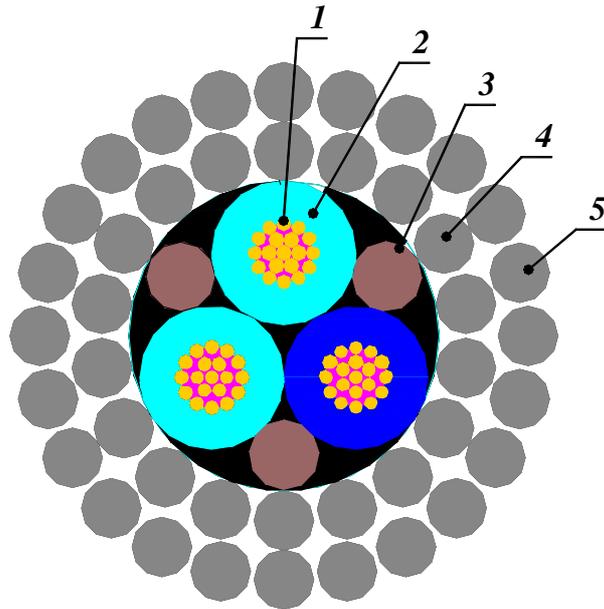


# PSKOVGEOCABLE

**KG 3x1,5-98-150**  
**15/32"**



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper , AWG 16, 19x0.315mm, (1.5 mm <sup>2</sup> ), Water Blocked.	1.55/0.061
2	Insulation	Polypropylene, Δ=0.78 mm	3.10/0.122
3	Filler	Silicon compound, thread, and tape binder	6.8/0.27
4	Inner armor	Steel galvanized wire 18x1.3 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	9.4/0.37
5	Outer armor	Steel galvanized wire 24x1.3 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	12.0/0.47

## MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	553,4 kg/km	371 lb/kft.
Weight in Water	419 kg/km	280,7 lb/kft.
Breaking Strength	98 kN	22.000 lbf
Max Working load @ 60% strain	59 kN	13.200 lbf
Temperature Rating (Maximum)	150°C	301° F
Suggested Minimum Sheave: dia	500 mm	19,7"
Stretch Coefficient (Nominal)	0.18 m/km/kN	0.75 ft/kft/klb
Outside Diameter	12 mm <sup>+0,36mm</sup> <sub>-0,24mm</sub>	0,47 " <sup>+0,014"</sup> <sub>-0,009"</sub>

## ELECTRICAL CHARACTERISTIC

Voltage Rating	1000 VDC	1000 VDC
D.C Conductor Resistance	13,2 Ω /km	4.51 Ω/kft
D.C Armor Resistance	4 Ω /km	1.34 Ω/kft
Capacitance @ 1kHz Conductor to Armor	150 pF/m	45 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000MΩ/km	6500 MΩ/kft