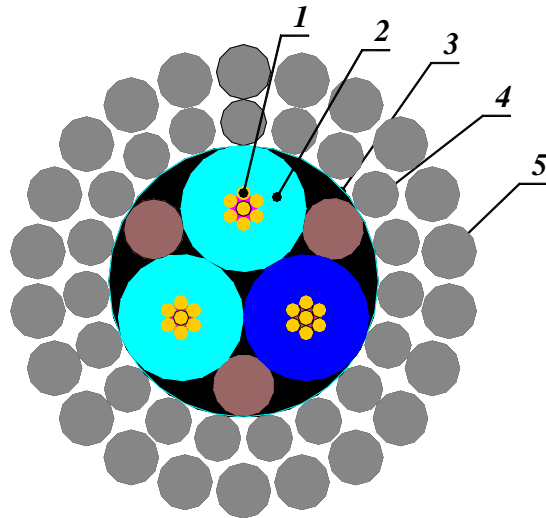


# PSKOVGEOCABLE

**KG 3x0,75-98-200**  
**15/32"**



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper , AWG 18, 7x0.37mm, (0,75 mm <sup>2</sup> ), Water Blocked.	1.11/0.042
2	Insulation	Teflon FEP; Δ=0.5 mm (DUPONT trademarks) Tefzel 280, Δ=0.5 mm (DUPONT trademarks)	3.10/0.11
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	571,1 kg/km	382,6 lb/kft.
Weight in Water	424,8 kg/km	284,6 lb/kft.
Breaking Strength	98 kN	22.000 lbf
Max Working load @ 60% strain	59 kN	13.200 lbf
Temperature Rating (Maximum)	200°C	391° F
Suggested Minimum Sheave: dia	660 mm	26"
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	1400 VDC	1400 VDC
D.C Conductor Resistance	25,5 Ω /km	7,65 Ω/kft
D.C Armor Resistance	4 Ω /km	1.2 Ω/kft
Capacitance @ 1kHz Conductor to Armor	186 pF/m	55,8 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000MΩ/km	6500 MΩ/kft