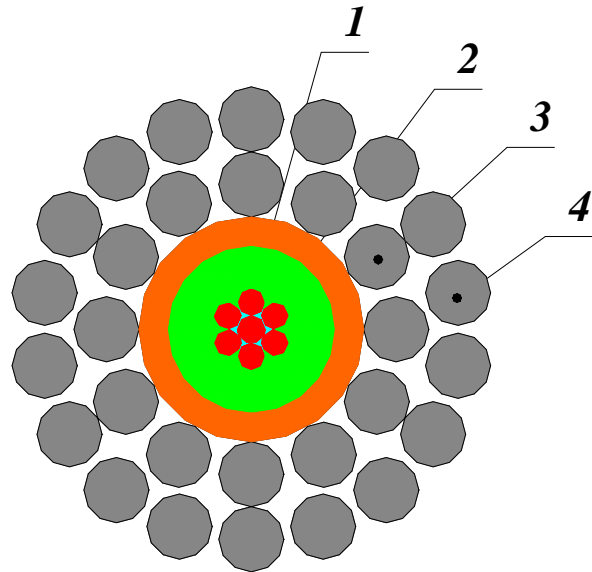


# PSKOVGEOCABLE

KG 1x0,75-24-200



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, Nickel plated, AWG 18, 7x0.37mm (0.75 mm <sup>2</sup> ), Water blocked	1.11/0.04
2	Insulation	Teflon FEP; Δ=0.4 mm (DUPONT trademarks) Tefzel 280, Δ=0.4 mm (DUPONT trademarks)	2.70/0.106
3	Inner armor	Steel galvanized wire 12x0.8 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	4.1/0.16
4	Outer armor	Steel galvanized wire 18x0.8 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	5.7/0.22

## MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	147,6 kg/km	97 lb/kft.
Weight in Water	121,3 kg/km	83 lb/kft
Breaking Strength	24 kN	4300 lbf
Max Working load @ 60% strain	14.5 kN	3240 lbf
Temperature Rating (Maximum)	200° C	392 ° F
Suggested Minimum Sheave:                      dia.	300 mm	11.8"
Stretch Coefficient (Nominal)	0.55 m/km/kN	2.5 ft/kft/klb
Outside Diameter	5.7 mm <sup>+0,17mm</sup> <sub>-0,11mm</sub>	0.22" <sup>+0,007"</sup> <sub>-0,004"</sub>

## ELECTRICAL CHARACTERISTIC

Voltage Rating	660VDC	660VDC
D.C Conductor Resistance	25,5 Ω /km	7.62 Ω/kft
D.C Armor Resistance	15 Ω/km	4,5 Ω/kft
Capacitance @ 1kHz Conductor to Armor	195 pF/m	58,5 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 MΩ*km	6500 MΩ*kft