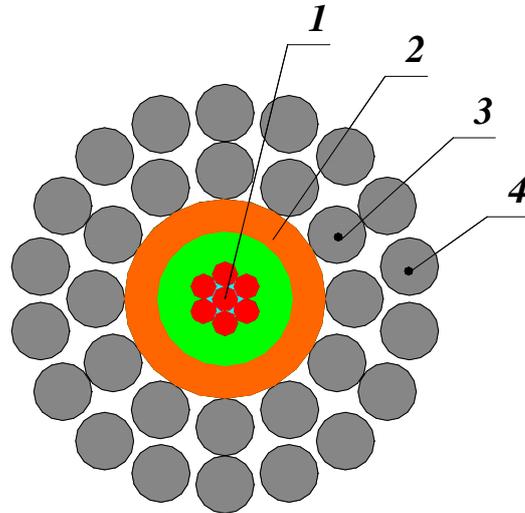


# PSKOVGEOCABLE

KG 1x0,75-30-200



№	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=0.46 mm (DUPONT trademarks) Tefzel 280, Δ=0.46 mm (DUPONT trademarks)	2.95/0.11
3	Inner armor	Steel galvanized wire 12x0.89 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	4.57/0.18
4	Outer armor	Steel galvanized wire 18x0.89 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	6.35/0.25

## MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	181,1 kg/km	121,3 lb/kft.
Weight in Water	148,5 kg/km	99,5 lb/kft
Breaking Strength	30 kN	6750 lbf
Max Working load @ 60% strain	18 kN	4050 lbf
Temperature Rating (Maximum)	200° C	392 ° F
Suggested Minimum Sheave: dia.	300mm	11,8 "
Stretch Coefficient (Nominal)	0.5 m/km/kN	2.25 ft/kft/klb
Outside Diameter	6.35 mm <sup>+0,19mm</sup> <sub>-0,13mm</sub>	0.25 " <sup>+0,008"</sup> <sub>-0,005"</sub>

## ELECTRICAL CHARACTERISTIC

Voltage Rating	660VDC	660VDC
D.C Conductor Resistance	25,5 Ω /km	7.65 Ω/kft
D.C Armor Resistance	10 Ω/km	3 Ω/kft
Capacitance @ 1kHz Conductor to Armor	179 pF/m	54.6 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 MΩ*km	6500 MΩ*kft