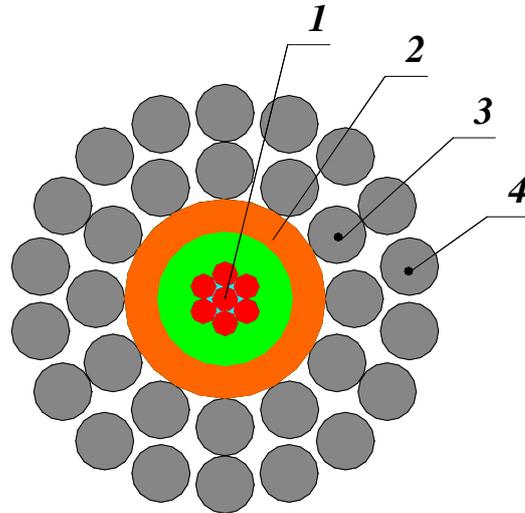


# PSKOVGEOCABLE

KG 1x0,75-40-260



№	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 PFA; Δ=0.62 mm (DUPONT trademarks) Tefzel 280, Δ=0.63 mm (DUPONT trademarks)	3.61/0.14
3	Inner armor	Steel galvanized wire 14x0.89 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	5.4/0.21
4	Outer armor	Steel galvanized wire 17x1.1 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	7.6/0.3

## MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	246,2 kg/km	165 lb/kft.
Weight in Water	197,1 kg/km	132 lb/kft
Breaking Strength	40 kN	8992 lbf
Max Working load @ 60% strain	24 kN	5395 lbf
Temperature Rating (Maximum)	260° C	500 ° F
Suggested Minimum Sheave: dia.	310mm	12 "
Stretch Coefficient (Nominal)	0.45 m/km/kN	2,025 ft/kft/klb
Outside Diameter	7.6 mm <sup>+0,23mm</sup> <sub>-0,15mm</sub>	0.3 " <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	8,4 Ω/km	2,52 Ω/kft
Capacitance @ 1kHz Conductor to Armor	162 pF/m	48,6 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 MΩ*km	6500 MΩ*kft