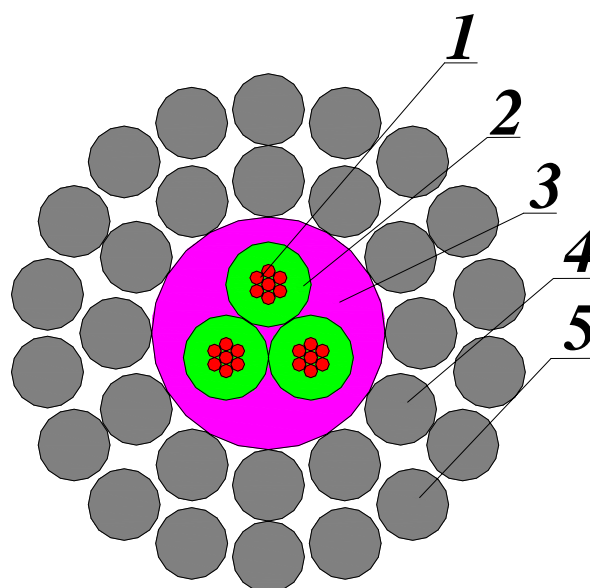


PSKOVGEOCABLE

KG 3x0.2-30-180



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, Nickel plated, AWG 24, 7x0.2 mm (0.2 mm ²).Water blocked	0.6/0.023
2	Insulation	Tefzel 280, Δ=0.25 mm	1.1/0.042
3	Belt	Tefzel 280 Δ=0.22 mm	2.8/0.106
4	Inner armor	Steel galvanized wire 12x0.89 mm, grade 190 kg/mm ² , water and gas blocking seal	4.57/0.174
5	Outer armor	Steel galvanized wire 18x0.89 mm, grade 190 kg/mm ² , water and gas blocking seal	6.4/0.24

MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	184.6 kg/km	123.7 lb/kft.
Weight in Water	145,9 kg/km	97,7 lb/kft
Breaking Strength	30 kN	6744 lbf
Max Working load @ 60% strain	18 kN	4046 lbf
Temperature Rating (Maximum)	180°C	356 ° F
Suggested Minimum Sheave: dia.	300 mm	11.8 “
Stretch Coefficient (Nominal)	0.5 m/km/kN	2,25 ft/kft/klb
Outside Diameter	6,4 mm ^{+0,11mm} _{-0,07mm}	0,24 ” ^{+0,005”} _{-0,004”}

ELECTRICAL CHARACTERISTIC

Voltage Rating	200VDC	200VDC
D.C Conductor Resistance	89.1 Ω/km	26.73 Ω/kft
D.C Armor Resistance	10 Ω /km	3 Ω/kft
Capacitance @ 1kHz Conductor to Armor	162 pF/m	48,6 pF/ft
Insulation Resistance (Minimum) @ 1000 VDC	10000 MΩ*km	3000 MΩ*kft