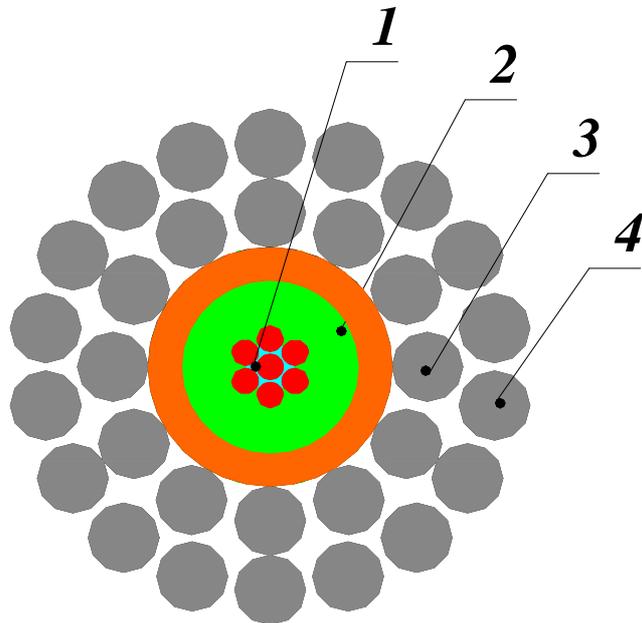


PSKOVGEOCABLE

KG 1x0.5-18-200
3/16"



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, AWG 20, 7x0.31mm (0.5 mm ²) Water blocked	0.93/0.037
2	Insulation	Teflon FEP; Δ=0.31 mm (DUPONT trademarks) Tefzel 280; Δ=0.31mm (DUPONT trademarks)	2.15/0.07
3	Inner armor	Steel galvanized wire 12x0.64 mm, grade 190 kg/mm ² , water and gas blocking seal	3.32/0.13
4	Outer armor	Steel galvanized wire 18x0.64 mm, grade 190 kg/mm ² , water and gas blocking seal	4.7 /0.185

MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	95.4 kg/km	64 lb/kft.
Weight in Water	77.7 kg/km	52 lb/kft
Breaking Strength	18 kN	4000 lbf
Max Working load @ 60% strain	11 kN	2400 lbf
Temperature Rating (Maximum)	200 °C	392 ° F
Suggested Minimum Sheave: dia.	200 mm	8 "
Stretch Coefficient (Nominal)	0.65 m/km/kH	3,0 ft/kft/klb
Outside Diameter	4,7 mm ^{+0,11mm} _{-0,07mm}	0,185 " ^{+0,005"} _{-0,004"}

ELECTRICAL CHARACTERISTIC

Voltage Rating`	600 VDC	600 VDC
D.C Conductor Resistance	40,5 Ω /km	12 Ω /kft
D.C Armor Resistance	19,7 Ω/km	6 Ω /kft
Capacitance @ 1kHz Conductor to Armor	190 pF/m	57 pF/ft
Insulation Resistance (Minimum) @ 1000 VDC	20000 MΩ/km	6500 MΩ/kft