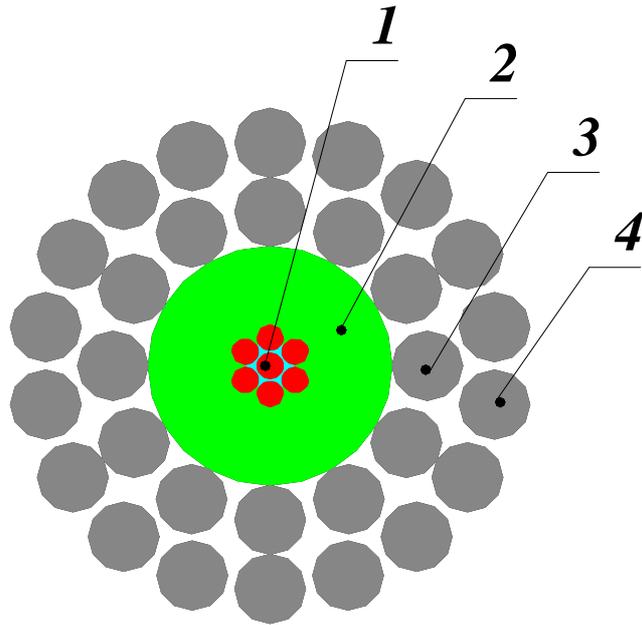


PSKOVGEOCABLE

KG 1x0.5-18-180
3/16"



No	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	Tefzel 280; Δ=0.6mm (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

Weight in Air
Weight in Water
Breaking Strength
Max Working load @ 60% strain
Temperature Rating (Maximum)
Suggested Minimum Sheave: dia.
Stretch Coefficient (Nominal)
Outside Diameter

METRIC

95 kg/km
77 kg/km
18 kN
11 kN
180 °C
300 mm
0.65 m/km/kH
4,7 mm^{+0,11mm}_{-0,07mm}

ENGLISH

63,5 lb/kft.
52 lb/kft
4000 lbf
2400 lbf
356 ° F
11.8 "
3,0 ft/kft/klb
0,185 "^{+0,005"}_{-0,004"}

ELECTRICAL CHARACTERISTIC

Voltage Rating`
D.C Conductor Resistance
D.C Armor Resistance
Capacitance @ 1kHz Conductor to Armor
Insulation Resistance (Minimum) @ 1000 VDC

600 VDC
40,5 Ω /km
19,7 Ω/km
175 pF/m
20000 MΩ/km

600 VDC
12 Ω /kft
6 Ω/kft
52,5 pF/ft
6500 MΩ/kft