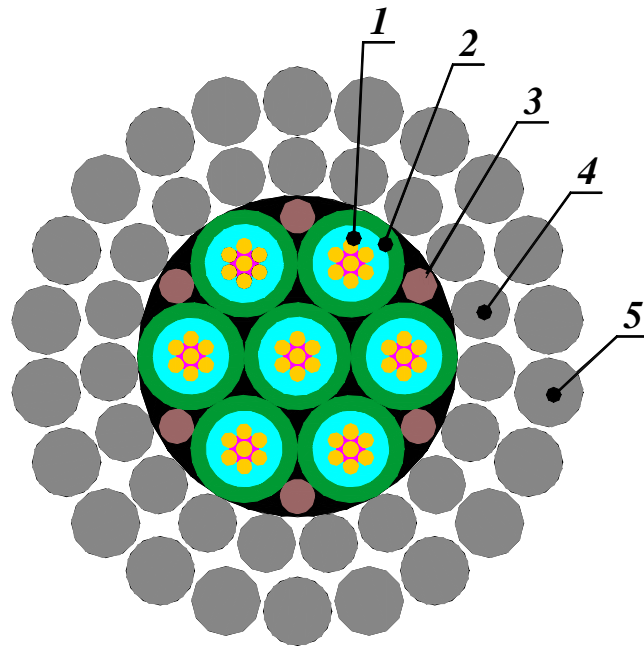


PSKOVGEOCABLE

KG7x0.5-70-200
7/16"



Nº	Name of construction	Material	Diametr, mm/in
1	Conductor	Copper, AWG 20 , 7x0.31 mm, (0.5 mm ²), Water blocked	0.96/0.038
2	Insulation	TEFLON FEP Δ=0.26 mm, (DUPONT trademarks) TEFZEL-280 Δ=0.26 mm, (DUPONT trademarks)	2.0/0.079
3	Filler	Silicon compaund, thread, and tape binder	6.15/0.24
4	Inner armor	Steel galvanized wire 19x1,1 mm, grade 190 kg/mm ² , corrosion blocking seal	8.35/0.327
5	Outer armor	Steel galvanized wire 22x1,25 mm, grade 190 kg/mm ² , corrosion blocking seal	10.85/0.425

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

451,1 kg/km
349,5 kg/km
70 kN
42 kN
200°C
480 mm
0.2 m/km/kH
10.85 mm^{+0,32mm}_{-0,22mm}

ENGLISH

302,2 lb/kft.
234,1 lb/kft
15700 lbf
9400 lbf
391° F
19 "
0.9 ft/kft/klb
0,425 "^{+0,013"}_{-0,022"}

ELECTRICAL CHARACTERISTIC

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

660 VDC
40,5 Ω/km
4.2 Ω/km
174 pF/m
20000 MΩ*km

660 VDC
12.2 Ω/kft
1.26 Ω/kft
52,2 pF/ft
6500 MΩ*kft