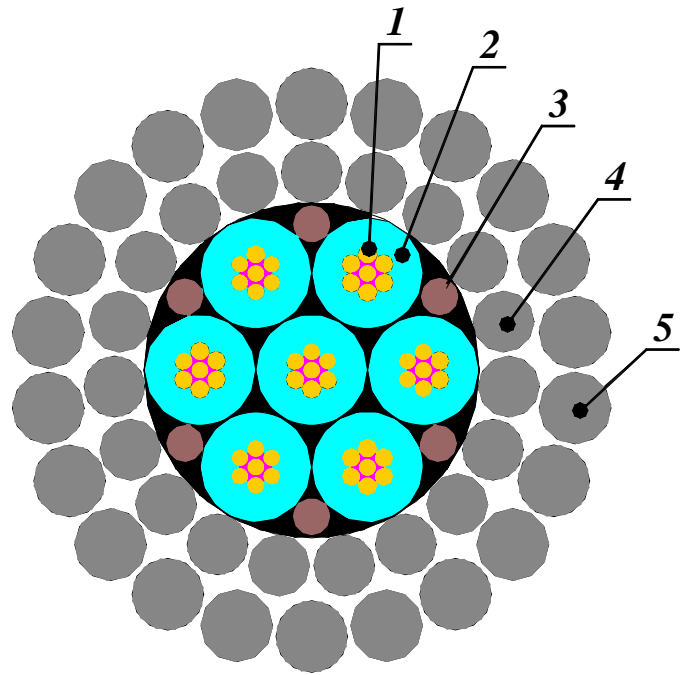


PSKOVGEOCABLE

KG 7x0.5-60-180



Nº	Name of construction	Material	Diametr, mm/in
1	Conductor	Copper, AWG 20 , 7x0.31 mm, (0.5 mm ²), Water blocked	0.9/0.035
2	Insulation	Tefzel 280, Δ=0.6 mm	2.1/0.08
3	Filler	Silicon compaund, thread, and tape binder	6.3/0.24
4	Inner armor	Steel galvanized wire 22x0,89 mm, grade 190 kg/mm ² , corrosion blocking seal	8.2/0.319
5	Outer armor	Steel galvanized wire 24x1,1 mm, grade 190 kg/mm ² , corrosion blocking seal	10.4/0.4

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

394,9 kg/km
 286,6 kg/km
 60 kN
 36 kN
 180°C
 480 mm
 0.32 m/km/kH
 10.4 mm^{+0,32mm}_{-0,22mm}

ENGLISH

264,6 lb/kft.
 192 lb/kft
 13488 lbf
 8093 lbf
 356° F
 19 “
 1.28 ft/kft/klb
 0,4 ”^{+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
 5,3 Ω/km
 150 pF/m
 20000 MΩ*km

660 VDC
 12.2 Ω/kft
 1.59 Ω/kft
 50 pF/ft
 6500 MΩ*kft