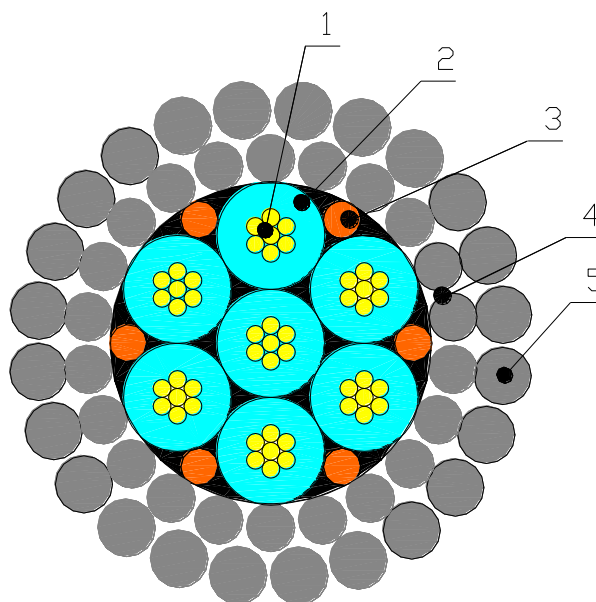


PSKOVGEOCABLE

KG 7x0.75-75-150
7/16"



Nº	Name of construction	Material	Diametr, mm/in
1	Conductor	Copper, AWG 18 , 7x0.37 mm, (0.75 mm ²), Water blocked	1,11/0.043
2	Insulation	Polypropylene Δ=0.7 mm	2,51/0.098
3	Filler	Silicon compaund, thread, and tape binder	7,53/0.296
4	Inner armor	Steel galvanized wire 22x1,1 mm, grade 190 kg/mm ² , corrosion blocking seal	9,6/0.37
5	Outer armor	Steel galvanized wire 24x1,3 mm, grade 190 kg/mm ² , corrosion blocking seal	12,2/0.48

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

544,3 kg/km
 396,8 kg/km
 75 kN
 42 kN
 150 C
 500 mm
 0.2 m/km/kH
 12.2 mm^{+0,32mm}_{-0,22mm}

ENGLISH

364,7 lb/kft.
 265,8 lb/kft
 15700 lbf
 9400 lbf
 301 F
 19,7 "
 0.9 ft/kft/klb
 0,48 "^{+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
 25,5 Ω/km
 4.2 Ω/km
 144 pF/m
 20000 MΩ*km

660 VDC
 7,7 Ω/kft
 1.26 Ω/kft
 43,2 pF/ft
 6500 MΩ*kft