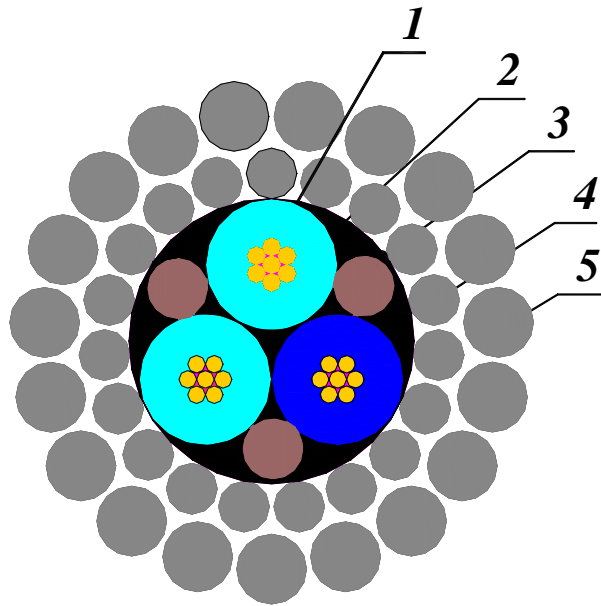


PSKOVGEOCABLE

KG3x0.5-40-150



	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, AWG 20,7x0.31 mm, (0.5 mm ²) Water blocked	0.93/0.036
2	Insulation	Polypropylene Δ=0.58 mm	2.10/0.083
3	Filler	Silicon compound, thread, and tape binder	5,0/0.195
4	Inner armor	Steel galvanized wire 19x0.8 mm, grade 190 kg/mm ² , corrosion blocking seal	6.2/0.24
5	Outer armor	Steel galvanized wire 19x1.1 mm, grade 190 kg/mm ² , corrosion blocking seal	8.4/0.33

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

258,9 kg/km
 209,8 kg/km
 40 kN
 24 kN
 150°C
 400 mm
 0.4 m/km/kN
 8,4 mm^{+0,25mm}_{-0,17mm}

ENGLISH

173,4 lb/kft.
 140,5 lb/kft
 8992 lbf
 5395 lbf
 302° F
 15,7"
 1.8 ft/kft/klb
 0,33 "^{+0,010"}_{-0,007"}

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
 7 Ω/km
 140 pF/m
 20000 MΩ*km

660 VDC
 12.15 Ω/kft
 2.1 Ω/kft
 42 pF/ft
 6500 MΩ*kft