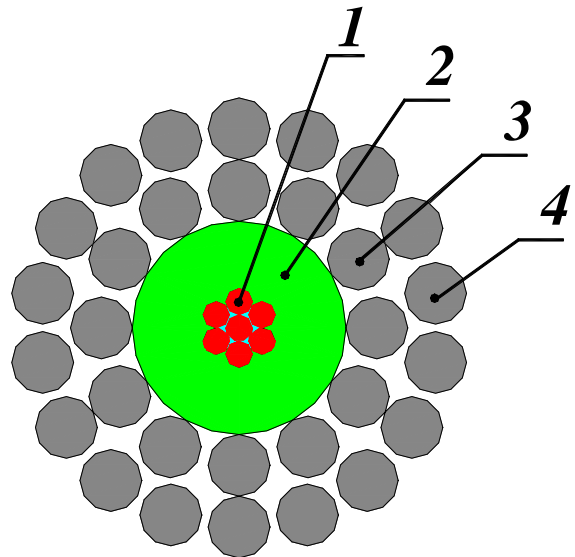


PSKOVGEOCABLE

KG 1x0,75-55-150



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper , AWG 18, 7x0.37mm (0.75 mm ²) Water blocked	1.11/0.04
2	Insulation	Polypropylene , Δ=1.47 mm	4.05/0.16
3	Inner armor	Steel galvanized wire 12x1.2 mm, grade 190 kg/mm ² , water and gas blocking seal	6.3/0.248
4	Outer armor	Steel galvanized wire 18x1.2 mm, grade 190 kg/mm ² , water and gas blocking seal	8.7/0.34

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

317,8 kg/km
 267 kg/km
 55 kH
 33 kH
 150°C
 400 mm
 0.3 m/km/kH
 8.7 mm^{+0,27mm}_{-0,18mm}

ENGLISH

212,4 lb/kft.
 178,5 lb/kft.
 12364 lbf
 7420 lbf
 301° F
 15,7 ''
 1.35 ft/kft/klb
 0.34 ''^{+0,011''}_{-0,007''}

ELECTRICAL CHARACTERISTIC

Voltage Rating
 D.C Conductor Resistance
 D.C Armor Resistance
 Capacitance @ 1kHz Conductor to Armor
 Insulation Resistance (Minimum) @ 500 VDC

1500 VDC
 25,5 Ω /km
 6,6 Ω/km
 100 pF/m
 20000 MΩ*km

1500 VDC
 7.65 Ω/kft
 2 Ω/kft
 30 pF/ft
 6500 MΩ*kft