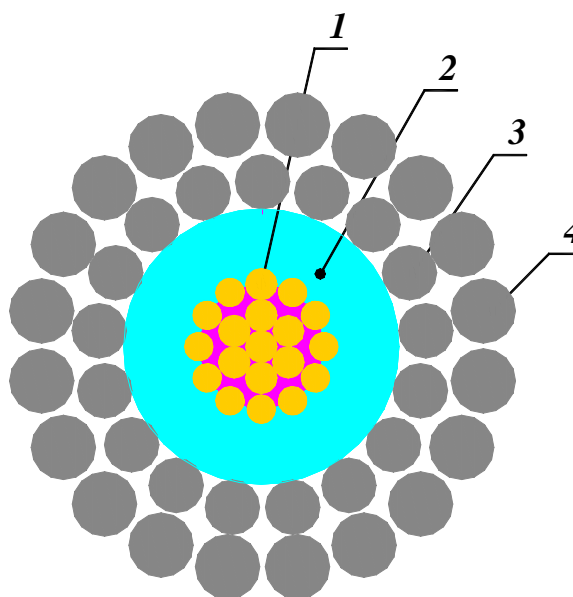


PSKOVGEOKABEL

KG 1x6-65-180



| № | Name of construction | Material | Diameter, mm/in |
|----|----------------------|--|-----------------|
| 1. | Conductor | Copper, AWG 20, 19x0,63 (6,0 mm ²) Water blocked | 4.41/0.15 |
| 2. | Insulation | Tefzel 280, Δ =0,52 mm | 5.45/0.19 |
| 3. | Inner armor | Steel galvanized wire 17x1.1mm, grade 190 kg/mm ² , corrosion blocking seal | 7.65/0.27 |
| 4. | Outer armor | Steel galvanized wire 20x1.3 mm, grade 190 kg/mm ² , corrosion blocking seal | 10.25/0.39 |

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

459,3 kg/km
 375,5 kg/km
 65 kN
 39 kN
 180 °C
 450 mm
 0.17 m/km/kN
 10,25 mm^{+0,30mm}
 ^{-0,20mm}

ENGLISH

307,7 lb/kft.
 251,6 lb/kft
 14600 lbf
 8750 lbf
 356 ° F
 17.7 ”
 0,765 ft/kft/klb
 0,39 ”^{+0,01”}
 ^{-0,008”}

ELECTRICAL CHARACTERISTIC

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

1500 VDC
 3,11 Ω /km
 5 Ω/km
 140 pF/m
 20000 MΩ/km

1500 VDC
 1 Ω /kft
 1.5 Ω /kft
 42 pF/ft
 6500 MΩ/kft