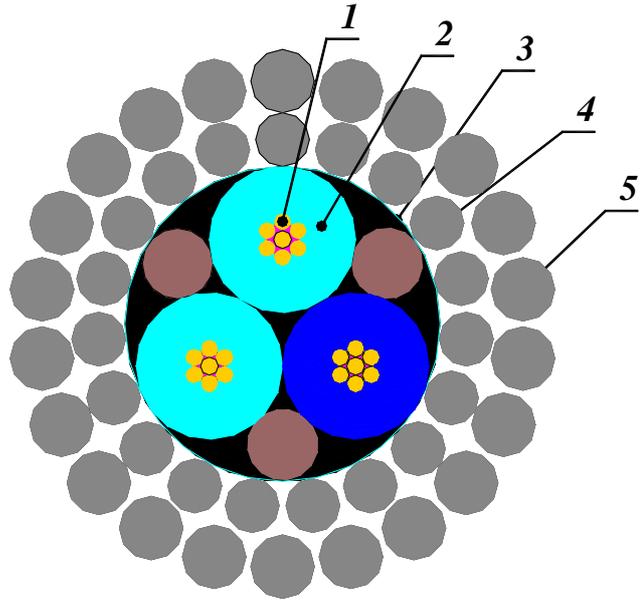


# PSKOVGEOCABLE

**KG 3x0,75-98-180**  
**15/32"**



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper , AWG 18, 7x0.37mm, (0,75 mm <sup>2</sup> ), Water Blocked.	1.11/0.042
2	Insulation	TEFZEL-280 Δ=0.76 mm, (DUPONT trademarks)	3.10/0.11
3	Filler	Silicon compound, thread, and tape binder	6.8/0.27
4	Inner armor	Steel galvanized wire 18x1.3 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	9.4/0.37
5	Outer armor	Steel galvanized wire 24x1.3 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	12.0/0.47

## 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

567,7 kg/km

421,8 kg/km

98 kN

59 kN

180°C

660 mm

0.18 m/km/kN

12 mm<sup>+0,36mm</sup>  
<sub>-0,24mm</sub>

## ENGLISH

380 lb/kft.

282,6 lb/kft.

22.000 lbf

13.200 lbf

331° F

26"

0.75 ft/kft/klb

0,47"<sup>+0,014"</sup>  
<sub>-0,009"</sub>

## ELECTRICAL CHARACTERISTIC

Voltage Rating

D.C Conductor Resistance

D.C Armor Resistance

Capacitance @ 1kHz Conductor to Armor

Insulation Resistance (Minimum) @ 500 VDC

1400 VDC

25,5 Ω /km

4 Ω /km

170 pF/m

20000MΩ/km

1400 VDC

7,65 Ω/kft

1.2 Ω/kft

51 pF/ft

6500 MΩ/kft