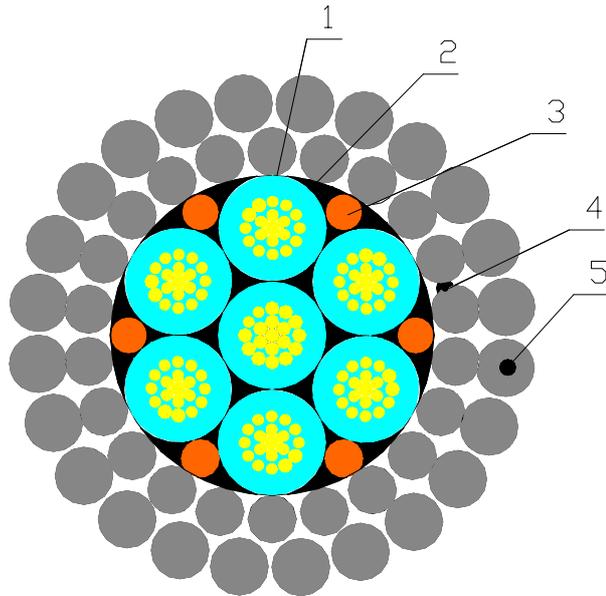


PSKOVGEOCABLE

KG 7x1.5-100-180
7/16"



Nº	Name of construction	Material	Diametr, mm/in
1	Conductor	Copper, AWG 16 , 19x0.31 mm, (1.5 mm ²), Water blocked	1,5/0.058
2	Insulation	Tefzel 280, Δ=0.72 mm	2.94/0.114
3	Filler	Silicon compaund, thread, and tape binder	8,82/0.343
4	Inner armor	Steel galvanized wire 22x1,3 mm, grade 190 kg/mm ² , corrosion blocking seal	11,4/0.44
5	Outer armor	Steel galvanized wire 24x1,55 mm, grade 190 kg/mm ² , corrosion blocking seal	14,5/0.56

MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	814,8 kg/km	545,9 lb/kft.
Weight in Water	593,3 kg/km	397,5 lb/kft
Breaking Strength	100 kN	22480 lbf
Max Working load @ 60% strain	60 kN	13488 lbf
Temperature Rating (Maximum)	180°C	356° F
Suggested Minimum Sheave: dia.	600 mm	23,3 "
Stretch Coefficient (Nominal)	0.15 m/km/kH	0.675 ft/kft/klb
Outside Diameter	14.5 mm ^{+0,44mm} _{-0,29mm}	0,56 " ^{+0,013"} _{-0,022"}

ELECTRICAL CHARACTERISTIC

Voltage Rating	660 VDC	660 VDC
D.C Conductor Resistance	13,2 Ω/km	3,96 Ω/kft
D.C Armor Resistance	3,7 Ω/km	1.11 Ω/kft
Capacitance @ 1kHz Conductor to Armor	161 pF/m	48,3 pF/ft
Insulation Resistance (Minimum) @ 1000 VDC	20000 MΩ*km	6500 MΩ*kft