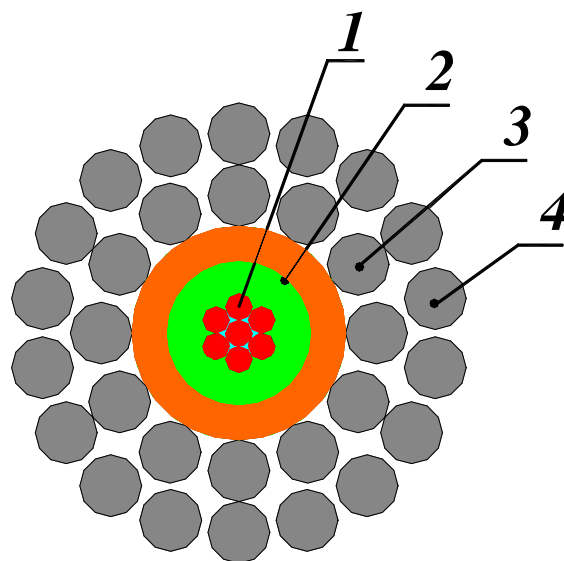


PSKOVGEOCABLE

KG 1x0.75-55-200



№	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	Teflon FEP , Δ=0.74 mm (DUPONT trademarks) Tefzel 280 , Δ=0.73 mm (DUPONT trademarks)	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

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	329 kg/km	220,4 lb/kft.
Weight in Water	284,6 kg/km	190,7 lb/kft.
Breaking Strength	55 kH	12364 lbf
Max Working load @ 60% strain	33 kH	7420 lbf
Temperature Rating (Maximum)	200°C	391° F
Suggested Minimum Sheave: dia.	400 mm	15,7"
Stretch Coefficient (Nominal)	0.3 m/km/kH	1.35 ft/kft/klb
Outside Diameter	8.7 mm ^{+0,27mm} -0,18mm	0.34" ^{+0,011"} -0,007"

ELECTRICAL CHARACTERISTIC

Voltage Rating	1500 VDC	1500 VDC
D.C Conductor Resistance	25,5 Ω /km	7.65 Ω/kft
D.C Armor Resistance	6.6 Ω/km	2 Ω/kft
Capacitance @ 1kHz Conductor to Armor	120 pF/m	36 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 MΩ*km	6500 MΩ*kft