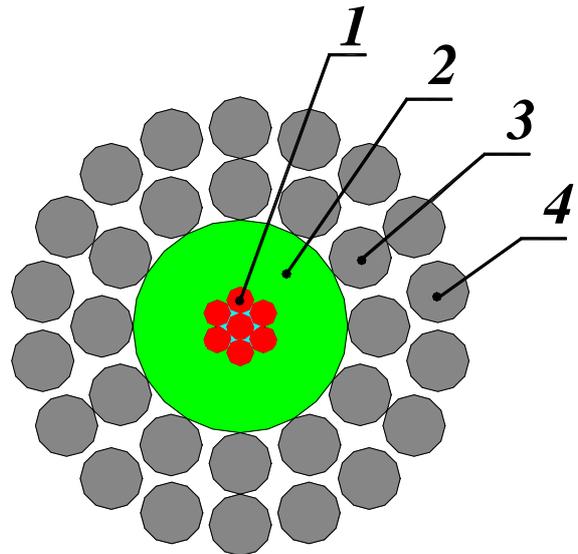


PSKOVGEOCABLE

KG 1x0,75-55-180



Nº	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	Tefzel 280 , Δ=1.47 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	326,9 kg/km	219 lb/kft.
Weight in Water	274,5 kg/km	183,9 lb/kft.
Breaking Strength	55 kH	12364 lbf
Max Working load @ 60% strain	33 kH	7420 lbf
Temperature Rating (Maximum)	180°C	356° 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	115 pF/m	34,5 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 MΩ*km	6500 MΩ*kft