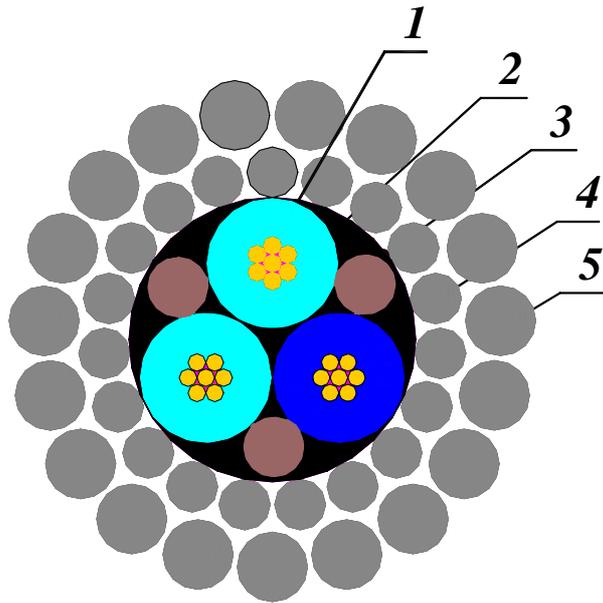


PSKOVGEOCABLE

KG3x0.5-40-180



	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, AWG 20,7x0.31 mm, (0.5 mm ²) Water blocked	0.93/0.036
2	Insulation	Tefzel 280 , Δ=0.58 mm (DUPONT trademarks)	2.10/0.083
3	Filler	Silicon compound, thread, and tape binder	5,0/0.195
4	Inner armor	Steel galvanized wire 19x0.8 mm, grade 190 kg/mm ² , corrosion blocking seal	6.2/0.24
5	Outer armor	Steel galvanized wire 19x1.1 mm, grade 190 kg/mm ² , corrosion blocking seal	8.4/0.33

MECHANICAL CHARACTERISTIC

	<u>METRIC</u>	<u>ENGLISH</u>
Weight in Air	266,2 kg/km	178,3 lb/kft.
Weight in Water	217,2 kg/km	145,5 lb/kft
Breaking Strength	40 kN	9000 lbf
Max Working load @ 60% strain	24 kN	5400 lbf
Temperature Rating (Maximum)	180°C	356° F
Suggested Minimum Sheave: dia.	400 mm	15,7"
Stretch Coefficient (Nominal)	0.4 m/km/kN	1.8 ft/kft/klb
Outside Diameter	8,4 mm ^{+0,25mm} _{-0,17mm}	0,33" ^{+0,010"} _{-0,007"}

ELECTRICAL CHARACTERISTIC

Voltage Rating	660 VDC	660 VDC
D.C Conductor Resistance	40,5 Ω/km	12.15 Ω/kft
D.C Armor Resistance	7 Ω/km	2.1 Ω/kft
Capacitance @ 1kHz Conductor to Armor	150 pF/m	45 pF/ft
Insulation Resistance (Minimum) @ 1000 VDC	20000 MΩ*km	6500 MΩ*kft