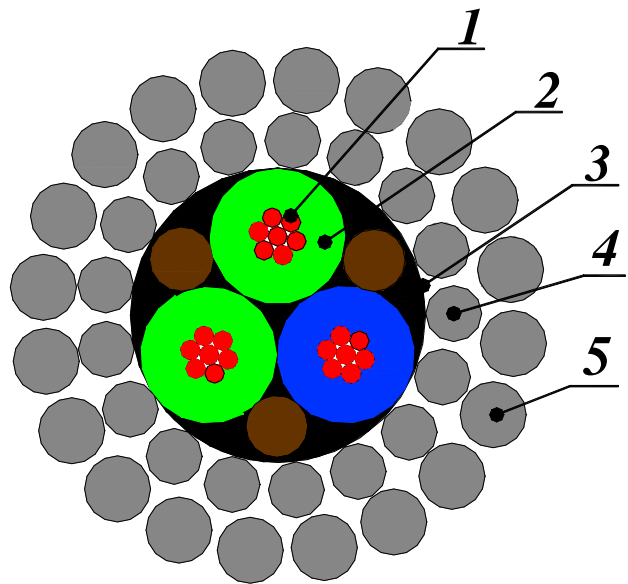


# PSKOVGEOCABLE

**KG 3x0.75-60-180**  
2/5"



№	Name of construction	Material	Diameter, mm/in
1	Conductor	Copper, AWG 18, 7x0.37 mm (0.75 mm <sup>2</sup> ), Water blocked	1.11/0.044
2	Insulation	Tefzel 280 , Δ=0.65 mm (DUPONT trademarks)	2.55/0.1
3	Filler	Silicon compound, thread, and tape binder	5.45/0.215
4	Inner armor	Steel galvanized wire 17x1.1 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	7.65/0.301
5	Outer armor	Steel galvanized wire 20x1.3 mm, grade 190 kg/mm <sup>2</sup> , water and gas blocking seal	10.25/0.40

## MECHANICAL CHARACTERISTIC

## METRIC

## ENGLISH

Weight in Air		412,2 kg/km	272 lb/kft
Weight in Water		335,5 kg/km	226 lb/kft
Breaking Strength		60 kH	13500 lbf
Max Working load @ 60% strain		36 kH	8100 lbf
Temperature Rating (Maximum)		180 °C	356 °F
Suggested Minimum Sheave:	dia	450 mm	17,7"
Stretch Coefficient (Nominal)		0.25 m/km/kH	1,15 ft/kft/klb
Outside Diameter		10.25 mm <sup>+0,31mm</sup> <sub>-0,20mm</sub>	0.4 " <sup>+0,012"</sup> <sub>-0,008"</sub>

## ELECTRICAL CHARACTERISTIC

Voltage Rating	660 VDC	660 VDC
D.C Conductor Resistance	25,5 Ω/km	7.65 Ω/kft
D.C Armor Resistance	5 Ω/km	1.5 Ω/kft
Capacitance @ 1kHz Conductor to Armor	150 pF/m	45 pF/ft
Insulation Resistance (Minimum) @ 500 VDC	20000 M Ω/km	6500 MΩ/kft