



AVVG-P

Power cable with aluminum core, polyvinylchloride insulation and polyvinylchloride sheath, flat.

AVVG-P-HF

Same as AVVG-P, but sheathed is made with fire retardant polyvinylchloride insulation

AVVG-P-LS

The same as AVVG-P, but with low gas and Smoke polyvinylchloride insulation

STANDARD GOST 16442-80 31996-2012

FOREIGN ANALOGUE

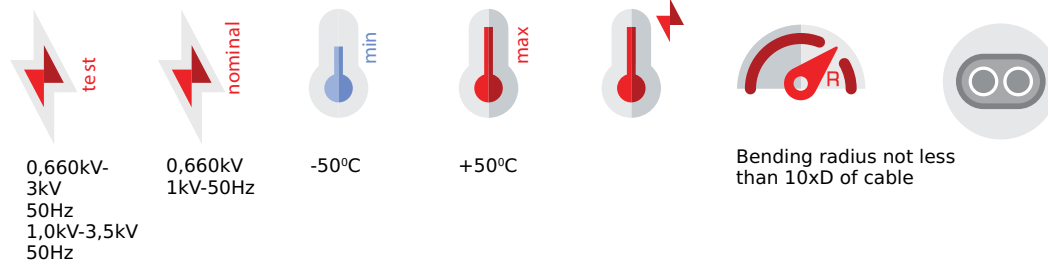
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- **AVVG-P** - Fire Retardant in single layer
- **AVVG-P-HF | AVVG-P | AVVG-P-LS**
Fire Retardant in Multi layer

APPLICATION

For transmission and distribution of electric power at stationary devices with rated voltage 0,660kV and 1 kV frequency 50Hz. For stretching in the air where there is no danger of mechanical damage of the cable, also for laying into channels without influence of stretching forces



- Installation temperature: -15°C.
- Conductive lobe for long-term allowable heating temperature +70°C
- The conductor is resistant to 98% relative air humidity under +35°C conditions
- The max. allowable core heating temperature in short circuit with duration of not more than 4 seconds must not be above 160°C

CONSTRUCTION

The aluminum cores with section 2,5-25mm² inclusive are produced of single wire of 1 class flexibility. Number of cores in the cable 2,3.

THE CONSTRUCTION LENGTH OF THE CABLES

in case of supply in bundles the construction length is agreed with the customer.
In case of agreement with the customer cables of different construction lengths can be produced.
2,5-16mm² - up to 450m²
25-300m

PACKING On wooden drum or bundles

LABELING

Label attached to wooden drum or bundle, or in case of request of the customer with inscription on top: "JSC Sakcable" cable brand, manufacture year. Labeling of conductive cores with colors or figures 0, 1, 2 inscriptions on the top of insulated cores

SERVICE LIFETIME

not less than 30 years

WARRANTY PERIOD

5 years after entering into exploitation, In the proper installation and working conditions

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Part Name	Conductor resistance [Ω/km]	Ampacity (in air) [A]	Thickness of insulation [mm]	Thickness of sheath [mm]	Outer diameter [mm]	Bending radius [mm]	Aluminum Weight [kg/km]	Weight [kg/km]
2 x 2.5 re	12,1	25	0,6	1,2	5,52 x 8.40	40	13,5	63,99
2 x 4 re	7,41	34	0,7	1,2	6.00 x 9.50	44	21,6	86,06
2 x 6 re	5,11	43	0,7	1,2	6.56 x 10.70	49	32,4	105,48
2 x 10 re	3,08	58	0,9	1,2	7.75 x 13.10	58	54	151,92
2 x 16 re	1,91	77	0,9	1,5	9.30 x 15.60	70	86,4	222,44
2 x 25 re	1,2	103	1,1	1,5	10.80 x 18.60	81	135	318,72



re - Single-core
rm - Multi-core