

#### AKVVG

**Aluminum core control cable with polyvinylchloride insulation and sheath**

#### FKVVG-HF

**same as AKVVG but with the fire retardant polyvinylchloride insulation**

#### FKVVG-LS

**the same as AKVVG but with flame retardant low emission of gas and smoke polyvinylchloride insulation and sheath**

#### STANDARD

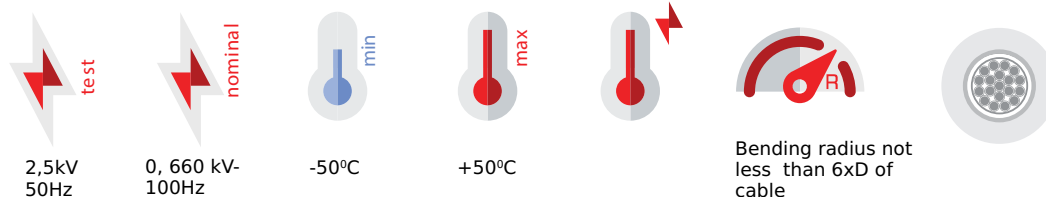
GOST 1508-78


#### FOREIGN ANALOGUE

AKBBГ GOST 1508-78

#### APPLICATION

For fixed connection on electric appliances, equipment, gathering mounts of electric distribution appliances for rated alternating voltage 1000V. Used for laying in buildings, channels, tunnels if there is no danger of mechanical influence on the cables. During laying in single layer the cable is flame retardant



-  - Installation temperature: -15°C.
- The conductor is resistant to 98% relative air humidity under +35°C conditions.
- Conductive lobe for long-term allowable heating temperature +70°C.

#### CONSTRUCTION

The structure of conductor core is single-wire and conforms to 1 class flexibility according to the standard 22483-77. The section of conductor core is 2,5; 4; 6; 10mm<sup>2</sup>.

Number of cores in the cable: 2.5mm<sup>2</sup>-4, 5, 7, 10, 14, 19; 27; 37

4: 10mm<sup>2</sup>-4, 7, 10

During laying in single layer the cable is flame retardant

#### THE CONSTRUCTION LENGTH OF THE CABLES

not less than 150m

#### PACKING

On wooden drum or bundles (coils).

#### LABELING

In each bundle by existence of counting pair, which differs in color from other cores. Labeling can be done by means of inscription of separate numbers on insulated cores or distinctive colors of insulation can be used. While numeric labeling the color of figures must be different from the color of the insulation of the core. On the surface of the cover an inscription is made: "JSC Saccable", cable brand, section and manufacture year

#### SERVICE LIFETIME

not less than 15 years, but in buildings, channels, tunnels 25 years

#### WARRANTY PERIOD

3 years after entering into service, in case of proper installation and exploitation.

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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]
4X2.5	12,1	22	0,6	1,5	9,99	60	28	137,3
5X2.5	12,1	22	0,6	1,5	10,83	65	35	160,3
7X2.5	12,1	22	0,6	1,5	11,7	70	49	199,2
10X2.5	12,1	22	0,6	1,5	14,6	88	70	271,6
14X2.5	12,1	22	0,6	1,5	15,79	95	98,1	344,5
19X2.5	12,1	22	0,6	1,5	17,5	105	133,1	437,6
24X2.5	12,1	22	0,6	1,7	20,8	125	168,1	565,5
27X2.5	12,1	22	0,6	1,7	21,24	127	189,1	616,6
37X2.5	12,1	22	0,6	1,9	24,1	145	259,1	825,5
4X4	7,41	30	0,7	1,5	11,19	67	44,5	183,5
7X4	7,41	30	0,7	1,5	13,2	79	77,9	274,7
10X4	7,41	30	0,7	1,5	16,6	100	111,2	378,2