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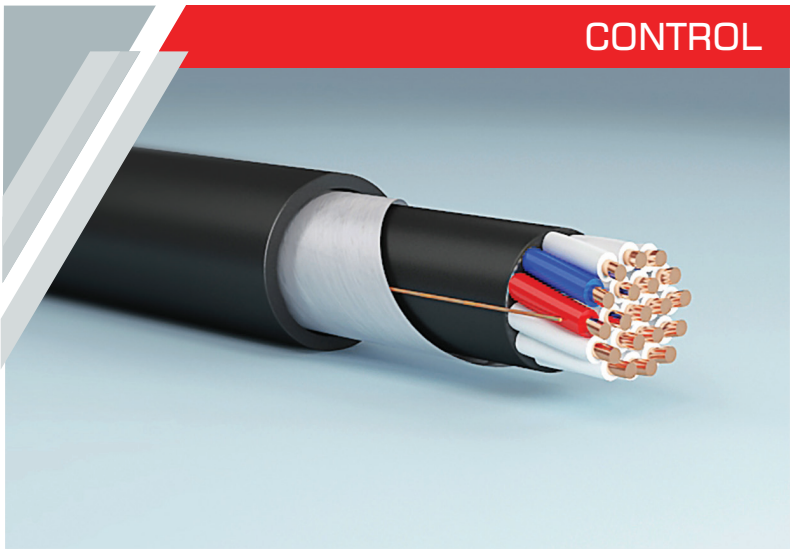
SAKCABLE

CONTROL



KVVGE

copper flexible control cable with polyvinylchloride insulation and sheath. With aluminum and copper screen

KVVGE-FR

the same as KVVGE , but with flame retardant polyvinylchloride sheath

KVVGE-FR-LS

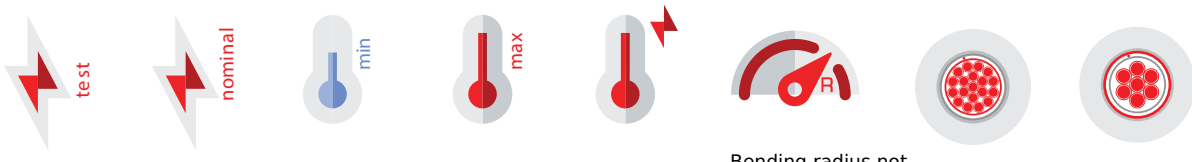
The same as KVVGE but with flame retardant low emission of gas and smoke polyvinylchloride insulation and sheath

STANDARD	КВВГэстандарт 1508-78
FOREIGN ANALOGUE	DIN VDE 0250 part 204/209

- **KVVGE -** Fire Retardant in single layer
-**KVVGE-FR/KVVGE-FR-LS** Fire Retardant in Multi layer

APPLICATION

For fixed connection on electric appliances, equipment, gathering mounts of electric distribution appliances for rated alternating voltage up to 660V frequency 100Hz, or direct current1000V. Used for laying in buildings, channels, tunnels if there is no danger of mechanical influence



2,5kV 50Hz	0, 660 kV-100Hz	-50°C	+50°C	Bending radius not less than 6xD of cable

- 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 multi-wire and conforms to 3 and 4 class flexibility according to the standard 22483-77. The section of conductor core is 0.75, 1.0, 1.5, 2.5, 4, 6mm^2.
Number of cores in the cable: 0,75-2,5mm^2.-4, 5, 7, 10, 14, 19, 27, 37
4 and 6mm^2-4, 7, 10

THE CONSTRUCTION LENGTH OF THE CABLES

not less than 150m

PACKING

On wooden drum or bundles

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 Sakcable”, 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.

KVVGE КВВГэстандарт 1508-78

Part Name	Conductor resistance [Ω/km]	Ampacity (in air) [A]	Thickness of insulation [mm]	Thickness of sheath [mm]	Outer diameter [mm]	Bending radius [mm]	Copper Weight [kg/km]	Weight [kg/km]
4X1.5	12,1	28	0,6	1,5	10,15	61	55,2	203
5X1.5	12,1	28	0,6	1,5	10,89	65	69	232,53
7X1.5	12,1	28	0,6	1,5	11,65	70	96,6	280,79
10X1.5	12,1	28	0,6	1,5	14,2	85	138	385,25
14X1.5	12,1	28	0,6	1,5	15,85	95	193,2	487,02
19X1.5	12,1	28	0,6	1,5	17,35	104	262,2	633,35
24X1.5	12,1	28	0,6	1,7	20,3	122	331,2	787,01
27X1.5	12,1	28	0,6	1,7	20,68	124	372,7	865,1
37X1.5	12,1	28	0,6	1,7	22,85	137	510,7	1114,24
4X2.5	7,41	36	0,6	1,5	11,06	66	91,9	259,57
5X2.5	7,41	36	0,6	1,5	11,91	71	114,8	301,05
7X2.5	7,41	36	0,6	1,5	12,79	77	160,8	371,29
10X2.5	7,41	36	0,6	1,5	15,72	94	229,7	514,05
14X2.5	7,41	36	0,6	1,5	17,52	105	321,6	676,93
19X2.5	7,41	36	0,6	1,5	19,25	116	436,4	864,72
24X2.5	7,41	36	0,6	1,7	22,58	135	551,3	1101,4
27X2.5	7,41	36	0,6	1,7	23,02	138	620,2	1229,88
37X2.5	7,41	36	0,6	1,9	25,91	155	849,9	1549,68