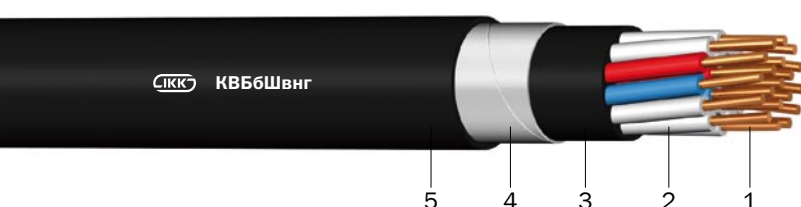


KVBbSHvng

Control cable with copper cores, PVC insulation, BbSHv sheath (armour: galvanized steel tape, PVC protective hose which does not spread burning).

DESIGN



1. Copper round single-core, class «1» according to GOST 22483.
2. PVC insulation. Insulated cores are twisted with each other. There is an even pair with insulated cores that differ in color in each underwinding.
3. PVC sheath.
4. Armour made with 2 galvanized steel tapes with overlapping winding.
5. PVC protective hose which does not spread burning.

APPLICATION

For transmission and distribution of electricity in stationary installations with 0.66 kV rated alternating voltage, with increased fire safety requirements. For fixed connection to electrical devices, apparatus, electrical switchgear clamp assemblies, laying in dry and damp industrial premises. Cables are laid in the ground (trenches) in an aggressive environment and places subject to stray currents, if the cable has not been subjected to significant tensile forces.

TECHNICAL DATA



Standard:
GOST 1508
TU U 31.3-32739864-001-2004



Rated voltage:
0.66



Test voltage:
2.5 kV



Temperature range:
-laying temperature up to -15°C;
-operating temperature -50°C – +50 °C.



Bending radius (min):
not less than 10 diameters of the cable.



Life time:
15 years.



Fire properties: Cables are fire-resistant for single laying according to DSTU 4809 and beam laying («A» classification) according to DSTU 4809. Fire safety according to PB 120000000.



Certificate: UkrSEPRO, DCS MNS Ukraine.

Number of cores x cross-section (mm ²)	Cable diameter (mm)	Mass of 1 km (kg)	Electrical resistance of cores according to GOST 22483, Not more than (Om/km)
KVBbSHvng			
7 x 1	15	378	18,100
10 x 1	17	480	18,100
14 x 1	18	558	18,100
19 x 1	19	661	18,100

KVBbSHvng

Number of cores x cross-section (mm ²)	Cable diameter (mm)	Mass of 1 km (kg)	Electrical resistance of cores according to GOST 22483, Not more than (Om/km)
KVBbSHvng			
27 x 1	22	838	18,100
37 x 1	25	1 048	18,100
4 x 1,5	14	335	12,100
5 x 1,5	15	373	12,100
7 x 1,5	15	429	12,100
10 x 1,5	18	550	12,100
14 x 1,5	19	649	12,100
19 x 1,5	21	779	12,100
27 x 1,5	24	1 000	12,100
37 x 1,5	27	1 263	12,100
4 x 2,5	15	400	7,410
5 x 2,5	16	450	7,410
7 x 2,5	17	529	7,410
10 x 2,5	20	690	7,410
14 x 2,5	21	833	7,410
19 x 2,5	23	1 018	7,410
27 x 2,5	26	1 356	7,410
37 x 2,5	29	1 702	7,410
4 x 4	17	506	4,610
7 x 4	19	693	4,610
10 x 4	22	920	4,610
4 x 6	18	613	3,080
7 x 6	20	865	3,080
10 x 6	25	1 186	3,080
4 x 10	21	852	1,830
7 x 10	24	1 268	1,830
10 x 10	29	1 724	1,830

It is possible to manufacture cables according to individual requirements.

The parameters given in the table are approximate. The manufacturer reserves the right to change them.