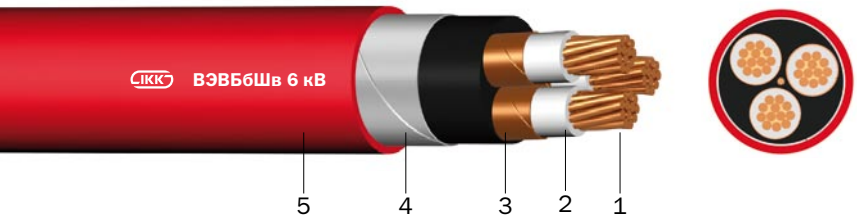
INTERKABEL KYIV

VEVBbShv-1.2 kV, VEVBbShv-6 kV

Underground cable with PVC insulation and PVC sheath, screened

DESIGN



1 I Copper conductor, round solid (RE), round stranded (RM), resp. sector-shaped stranded (SM)
2 I Core insulation (PVC)
3 I Inner covering (EPDM)
4 I Concentric screen (bare copper wires applied with changing direction of lay) and counter helix (copper tape)
5 I Sheath (PVC, UV-resistant)

APPLICATION

Power distribution cables in power stations, industrial installations and switchgears, as well as in local mains. For fixed installation underground, in interior premises, cable ducts, in the open air and in water – as permitted by the local building regulations – if protection against shock hazard in the event of mechanical damage or electrical screening is required. The concentric ceander conductor can be used as PE or PEN conductor and needs not be cut when assembling branch joints.

TECHNICAL DATA

Standard:
DIN VDE 0276-603 (HD 603)

Rated voltage:
1.2/6kV

Test voltage:
4 /15 kV

Temperature range:

laying temperature:	min. –15 °C
operating temperature:	–30 °C up to +50 °C
conductor temperature:	max. +50 °C

Bending radius (min.):
7.5 x ∅ of cable

Core identification:
HD 308 S2

Fire properties:
flame retardant:
EN 60332-1-2

Certificate:
UkrSepro certification in Ukraine

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Number and nominal cross-section of cores (mm^2)	Номинальное напряжение (кВ)	Calculated cable diameter (mm)	Calculated weight 1 km of cable (kg)	Cores' electrical resistance, in keeping with with IEC 60228, no more (Om/km)
VEVBbShv-1.2 kV, VEVBbShv-6				
3 x 25	6,0	37,4	2 586	0,7270
3 x 35	6,0	39,8	3 053	0,5240
3 x 50	6,0	43,1	3 719	0,3870
3 x 70	6,0	47,9	4 703	0,2680
3 x 95	6,0	52,0	5 810	0,1930
3 x 120	6,0	55,3	6 770	0,1530
3 x 150	6,0	60,2	8 104	0,1240
3 x 185	6,0	64,2	9 563	0,0991
3 x 240	6,0	70,8	11 930	0,0754
3 x 25 + 1 x 10	6,0	37,4	2 616	0,7270/1,8300
3 x 35 + 1 x 16	6,0	39,8	3 129	0,5240/1,1500
3 x 50 + 1 x 16	6,0	43,1	3 795	0,3870/1,1500
3 x 70 + 1 x 25	6,0	47,9	4 815	0,2680/0,7270
3 x 95 + 1 x 35	6,0	52,0	5 994	0,1930/0,5240
3 x 25	1,2	27,5	1 727	0,7270
3 x 35	1,2	30,0	2 139	0,5240
3 x 50	1,2	34,1	2 815	0,3870
3 x 70	1,2	38,9	3 698	0,2680
3 x 95	1,2	43,5	4 774	0,1930
3 x 120	1,2	47,1	5 718	0,1530
3 x 150	1,2	52,0	6 972	0,1240
3 x 185	1,2	56,9	8 478	0,0991
3 x 240	1,2	63,3	10 429	0,0754
3 x 120 + 1 x 10 + 3 x 4	1,2	51,6	6 399	0,1530/1,8300
3 x 150 + 1 x 10 + 3 x 4	1,2	55,1	7 485	0,1240/1,8300
3 x 185 + 1 x 10 + 3 x 4	1,2	58,1	8 803	0,0991/1,8300

Subject to technical changes.