

## **КВКбШвнг 5х1** **ТУ У 31.3-00214534-057:2007**

Control cables with copper conductors, with PVC-compound insulation, galvanized steel-wire armoured, with low-flammable PVC-compound protection hose

Cables are used for laying:

- *in premises, dry ducts and tunnels, in corrosive environment*
- *in places, where small mechanical impacts on cable are possible, including tensile forces*
- *in bunches*

It is possible manufacturing of cables in cold-resistant performance (КВКбШвнг-ХЛ)

It is possible manufacturing of cables of low fire risk (КВКбШнгд), including fire-resistant (КВКбШнгд-FR) and cold-resistant (КВКбШнгд-ХЛ)

It is possible manufacturing of cables with polymer compound sheath, halogen-free (КВКбПнг-HF), including fire-resistant (КВКбПнг-FRHF)

Fire safety code in accordance with ДСТУ 4809:2007: ПБ120000000

Products of this mark meet the requirements:

- *single wire cable flame retardance*
- *bunched cable flame retardance category A*

### **TECHNICAL SPECIFICATIONS**

Rated voltage (AC / DC)	V	660 / 1000
Number and rated area of conductors	mm <sup>2</sup>	5 x 1
Armor wire diameter	mm	0.3
Minimum bending radius by laying	mm	90
Cable outer diameter (for reference only) **	mm	12
Cable weight (approximate)	kg/km	240
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 10: 1650 • 0.5

Notes:

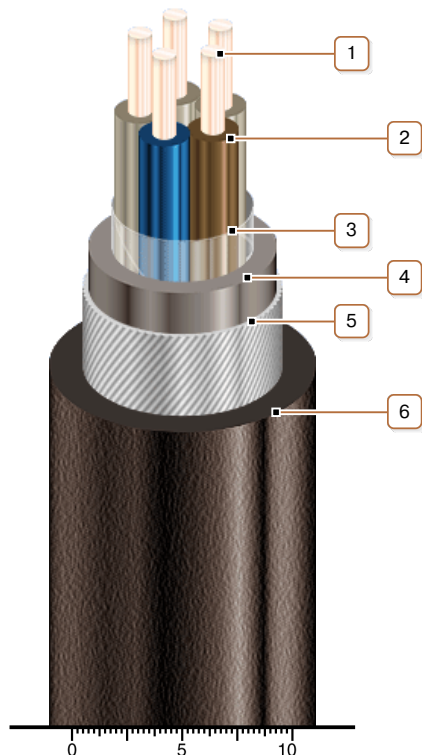
*When ordering it is necessary to agree the factory length of the product with the manufacturer*

*\*\* The external diameter may differ from the rated up to  $\pm 10\%$*



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### CONSTRUCTION

1. Copper conductor
2. PVC compound insulation
3. PET film winding
4. PVC compound belt insulation
5. Round galvanized steel-wire armour
6. Pressed off low-flammable PVC compound protection hose

#### Notes:

- It is possible manufacturing of cables in cold-resistant performance (КВКбШвнг-ХЛ)
- It is possible manufacturing of cables of low fire risk (КВКбШнгд), including fire-resistant (КВКбШнгд-FR) and cold-resistant (КВКбШнгд-ХЛ)
- It is possible manufacturing of cables with polymer compound sheath, halogen-free (КВКбПнг-НФ), including fire-resistant (КВКбПнг-FRHF)
- Conductor twisting is not illustrated