







7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830 E-mail: market@yuzhcable.com.ua

# КВКбШвнг 10х1 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-НF), including fire-resistant (КВКбПнг-FRHF)

Fire safety code in accordance with ДСТУ 4809:2007: ΠБ120000000

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	mm²	10 x 1
Armor wire diameter	mm	0.3
Minimum bending radius by laying	mm	112.5
Cable outer diameter (for reference only) **	mm	15
Cable weight (approximate)	kg/km	360
Rated factory cable length and gross weight of the delivery	m, t	# 12: 1450 • 0.6
on the drums ***		

#### Notes:

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

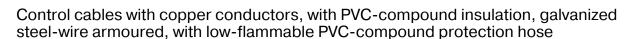
<sup>\*\*</sup> The external diameter may differ from the rated up to  $\pm$  10 %

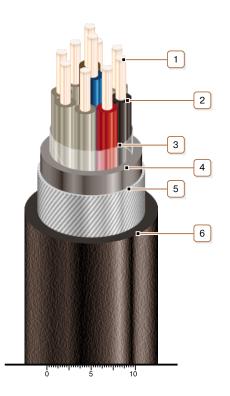






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## **CONSTRUCTION**

- 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-HF), including fire-resistant (КВКбПнг-FRHF)
- Conductor twisting is not illustrated