



## **КВКбШвнг 14х2.5** **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> | 14 x 2.5        |
| Armor wire diameter                                                          | mm              | 0.3             |
| Minimum bending radius by laying                                             | mm              | 142.5           |
| Cable outer diameter (for reference only) **                                 | mm              | 19              |
| Cable weight (approximate)                                                   | kg/km           | 690             |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t            | # 12: 910 • 0.7 |

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

