

**КВБбШнгд 19х1**  
**ТУ У 31.3-00214534-018-2003**

Control flame-retardant cables with copper conductors, galvanized double steel-tape armoured, with low fire-risk PVC compound insulation, PVC compound protection hose, low smoke and gas emission

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, in crowded places*

Fire safety code in accordance with ДСТУ 4809:2007: ПБ123121000

Products of this mark meet the requirements:

- *single wire cable flame retardance*
- *bunched cable flame retardance category A*
- *toxicity class Tk3 of the combustion products of nonmetallic elements (toxicity index over 120 g/m<sup>3</sup>)*
- *class ДТк1 on smoke-forming ability by smouldering of non-metallic elements (coefficient of smoke formation from 50 to 500 m<sup>2</sup>/kg)*
- *class ДПк2 on smoke-forming ability by combustion (minimum luminous flux more than 60 %)*
- *corrosive class Kk1 of combustion products of non-metallic elements (the number of halogen hydrides less than 150 mg/g, pH less than 4.3, specific conductivity more than 10 μS/mm)*

**TECHNICAL SPECIFICATIONS**

Rated voltage (AC / DC)	V	660 / 1000
Number and rated area of conductors	mm <sup>2</sup>	19 x 1
Minimum bending radius by laying	mm	200
Cable outer diameter (for reference only) **	mm	20
Cable weight (approximate)	kg/km	710
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 12: 820 • 0.7 # 14: 1570 • 1.3

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 ± 10 %*



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### CONSTRUCTION

1. Copper conductor
2. Low fire-risk PVC compound insulation
3. PET film winding
4. PVC compound belt insulation
5. Double galvanized steel-tape armour
6. Pressed off low fire-risk PVC compound protection hose

*Note: Conductor twisting is not illustrated*

