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## КВВГЭнгд 10х4 ТУ У 31.3-00214534-018-2003



Control screened flame-retardant cables with copper conductors, low fire-risk PVC compound insulation, PVC compound sheath, low smoke and gas emission

Cables are used for laying:

- in premises, dry ducts and tunnels, in corrosive environment
- with no risk of mechanical damage in operation
- · in bunches, in crowded places
- · with the need to protect from the effects of external electric fields

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  $\[mu]T\kappa 1$  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 K $\kappa$ 1 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  $\mu$ S/mm)

## **TECHNICAL SPECIFICATIONS**

Rated voltage (AC / DC)	V	660 / 1000
Number and rated area of conductors	mm²	10 x 4
Minimum bending radius by laying	mm	120
Cable outer diameter (for reference only) **	mm	20
Cable weight (approximate)	kg/km	710
Rated factory cable length and gross weight of the delivery	m, t	# 12: 820 • 0.7
on the drums		# 14: 1570 • 1.3
Notoo		

Notes:

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

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



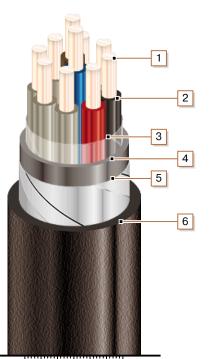


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## **CONSTRUCTION**

- 1. Copper conductor
- 2. Low fire-risk PVC compound insulation
- 3. PET film winding
- 4. Low fire-risk PVC-compound inner sheath
- 5. Aluminium foil screen
- 6. Low fire-risk PVC compound outer sheath
- Note: conductor twisting is not illustrated

0 5 10 15