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## ШВВПнгд 2 x 0.5 ТУ У 31.3-00214534-059:2008



Connecting flat cords with copper conductors, low fire-risk PVC compound insulation, low fire-risk PVC compound outer sheath

#### Used for:

• laying in dry and damp areas, for installation in switchboards, in ducts, for concealed and open wiring on the walls, in the networks for AC voltage up to 380 V (for systems up to 380/660 V)

· electric subcircuits installation, where frequent wire-bending are possible

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	kV	0.38
Number and rated area of conductors	mm²	2 x 0.5
Insulation thikness	mm	0.5
Permissible continious current by aerial laying	А	4
Operating temperature range	°C	-15 +50
Flexibility class acc. to FOCT 22483-77		4
Minimum bending radius by laying	mm	25
Width and thickness (rated, for reference only)	mm	5 x 3.1
Weight (approximate)	kg/km	30
Notes:		

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

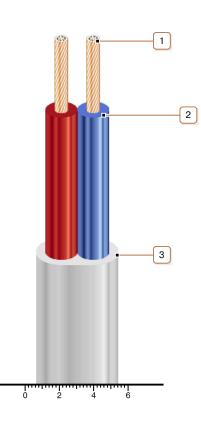




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### CONSTRUCTION

- 1. Copper multiwire conductor
- 2. Low fire-risk PVC compound insulation
- 3. Low fire-risk PVC compound outer sheath