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## ШВВПнгд 3 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/m³)
- class  $\mu$ TK1 on smoke-forming ability by smouldering of non-metallic elements (coefficient of smoke formation from 50 to 500 m²/kg)
- class ДΠκ2 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	3 x 0.5
Insulation thikness	mm	0.5
Permissible continious current by aerial laying	Α	4
Operating temperature range	°C	-15 +50
Flexibility class acc. to ΓΟCT 22483-77		4
Minimum bending radius by laying	mm	34
Width and thickness (rated, for reference only)	mm	6.8 x 3.1
Weight (approximate)	kg/km	43

Notes:

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



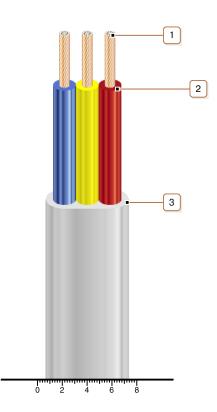




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### **CONSTRUCTION**

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