7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830
E-mail: market@yuzhcable.com.ua

280119-045001000100

ПВЗнгд 1 х 1
ТУ У 31.3-00214534-056:2006

Installation flat wires with copper conductors, low fire-risk PVC compound insulation

Used for:

- *fixed laying in lighting and power circuits and also for electric equipment, machines, mechanisms and machine tools installation for rated voltage up to 450 V (for networks up to 450/750), frequency up to 100 Hz or constant voltage of 1000 V*
- *electric subcircuits installation, where wire-bending are possible*

Manufacturing of wires in climate version F and T is possible

Fire safety code in accordance with ДСТУ 4809:2007: ПБ142121000
Products of this mark meet the requirements:

- *single wire cable flame retardance*
- *bunched cable flame retardance category C*
- *toxicity class Тк2 of the combustion products of nonmetallic elements (toxicity index from 40 up to 120 g/m^3)*
- *class ДТк1 on smoke-forming ability by smouldering of non-metallic elements (coefficient of smoke formation from 50 to 500 m^2/kg)*
- *class ДПк2 on smoke-forming ability by combustion (minimum luminous flux more than 60 %)*
- *corrosive class Кк1 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	kV	0.45
Number and rated area of conductors	mm^2	1 x 1
Insulation thikness	mm	0.6
Operating temperature range	˚C	-40 ... +50
Flexibility class acc. to ГОСТ 22483-77		2..3..4
Minimum bending radius by laying	mm	12
Outer diameter (nominal, for reference only)	mm	2.4
Outer diameter (maximum, for reference only)	mm	3
Weight (approximate)	kg/km	13

Notes:

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

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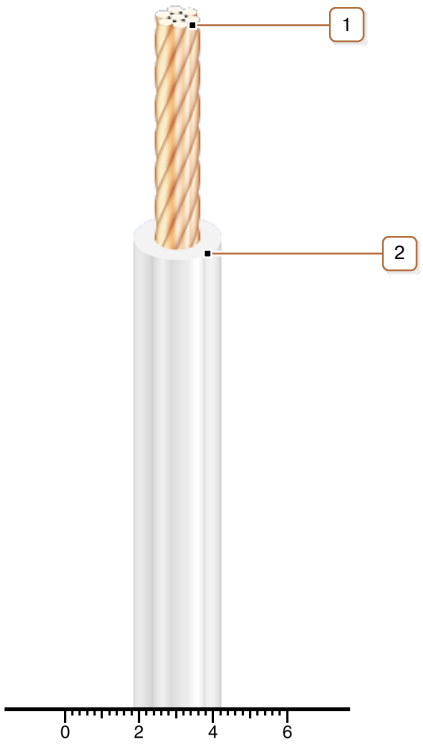

CONSTRUCTION

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

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