



АПВнгд 3 x 2.5 ТУ У 31.3-00214534-056:2006

Installation flat wires with aluminium 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
- inflexible installation

Manufacturing of wires in climate version F and T is 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 ДТк1 on smoke-forming ability by smouldering of non-metallic elements (coefficient of smoke formation from 50 to 500 m²/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	3 x 2.5
Insulation thickness	mm	0.8
Operating temperature range	°C	-40 ... +50
Flexibility class acc. to ГОСТ 22483-77		1
Minimum bending radius by laying	mm	33
Width and thickness (rated, for reference only)	mm	12 x 3.3
Width and thickness (maximum, for reference only)	mm	14.1 x 3.9
Weight (approximate)	kg/km	50

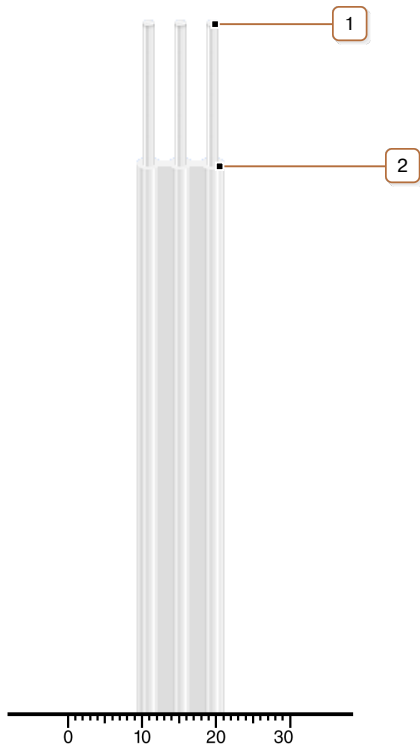
Notes:

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



АПВнгд 3 x 2.5 ТУ У 31.3-00214534-056:2006

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



CONSTRUCTION

1. Aluminium conductor
2. Low fire-risk PVC compound insulation