

**АПВнг 1 x 120**  
**ТУ У 31.3-00214534-056:2006**

Installation wires with aluminium conductors, low flammable 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*
- *for laying in steel pipes, hollow ducts of building structures, on trays, etc.*

Manufacturing of wires in climate version F and T is possible

Fire safety code in accordance with ДСТУ 4809:2007: ПБ140000000

Products of this mark meet the requirements:

- *single wire cable flame retardance*
- *bunched cable flame retardance category C*

**TECHNICAL SPECIFICATIONS**

|                                                                              |                 |                                     |
|------------------------------------------------------------------------------|-----------------|-------------------------------------|
| Rated voltage                                                                | kV              | 0.45                                |
| Number and rated area of conductors                                          | mm <sup>2</sup> | 1 x 120                             |
| Insulation thickness                                                         | mm              | 1.6                                 |
| Operating temperature range                                                  | °C              | -40 ... +50                         |
| Flexibility class acc. to ГОСТ 22483-77                                      |                 | 2                                   |
| Minimum bending radius by laying                                             | mm              | 162                                 |
| Outer diameter (nominal, for reference only)                                 | mm              | 16.2                                |
| Outer diameter (maximum, for reference only)                                 | mm              | 19                                  |
| Weight (approximate)                                                         | kg/km           | 426                                 |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t            | # 10: 930 • 0.5<br># 12: 1280 • 0.7 |

Notes:

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



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### CONSTRUCTION

1. *Aluminium multiwire conductor*
2. *Low-flammable PVC compound insulation*

