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СИПн-4 2x25 ДСТУ 4743:2007, ТУ У 27.3-00214534-079:2014

Self-supporting flame-retardant wires with polymer compound insulation

Used for laying:

- aerial electric power lines for the rated voltage of 0.6/1 kV
- branches from aerial electric power lines for the rated voltage of 0.6/1 kV to the input and for the laying on the walls of buildings and engineering structures
- in air, types II and III according to ΓΟCT 15150-69

It is possible to manufacture the wire with longitudinal core sealing by water-blocking materials

Fire safety code in accordance with ДСТУ 4809:2007: ΠБ100000000

Products of this mark meet the requirements:

· single wire cable flame retardance

TECHNICAL SPECIFICATIONS

| Rated voltage | kV | 0.6 / 1 |
|--|-------|-------------------|
| Number and rated area of phase conductors | mm² | 2 x 25 |
| Phase insulation thikness | mm | 1.4 |
| Current ratings * | | |
| Continious | Α | 130 |
| • at short circuit (not more than 1 s) | kA | 2.3 |
| Maximum permissible conductor temperature | | |
| Continious | °C | +90 |
| • at short circuit (not more than 5 s) | °C | +250 |
| Operating temperature range | °C | -60 +50 |
| Permissible temperature of laying (installation), no less than | °C | -20 |
| Minimum bending radius by laying | mm | 173 |
| Rated outer diameter of the cable (for reference) ** | mm | 17.3 |
| Weight (approximate) | kg/km | 200 |
| Rated factory cable length and gross weight of the delivery | m, t | # 16a: 3500 • 1.0 |
| on the drums *** | | # 18: 4000 • 1.3 |
| | | # 20: 6400 • 1.9 |

Notes:

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

^{*} Long permissible current loads are calculated for the following conditions: ambient temperature plus 25 $^{\circ}$ C, wind speed 0.6 m/s, the intensity of solar radiation 1000 W/m²

^{**} The external diameter may differ from the rated up to \pm 10 %



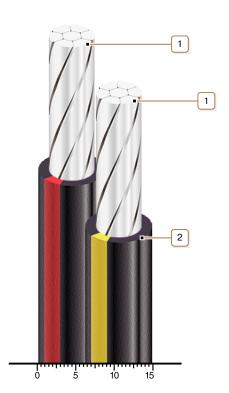




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CONSTRUCTION

1. Aluminium multiwire compacted conductor

Note: It is possible to manufacture the wire with longitudinal core sealing by water-blocking materials

2. Flame-retardant polymer compound insulation

Note: Wire lay-up is not illustrated.