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ВВГ 1x6-1 ГОСТ 16442-80,ТУ У 31.3-00214534-048:2007

Power cables with copper conductors, with PVC-compound insulation, with PVC-compound outer sheath

Cables are used for laying:

- single laying
- in premises, dry ducts and tunnels, in corrosive environment

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	1
Number and rated area of conductors	mm²	1 x 6
Phase insulation thikness	mm	1
Permissible continious current rating (AC of industrial frequency) *		
• by aerial laying	А	50
• by burial	Α	62
Permissible continious current rating (DC) *		
• by aerial laying	Α	63
• by burial	Α	90
Maximum permissible conductor temperature		
Continious	°C	+70
in emergency operation	°C	+90
at short circuit	°C	+160
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	90
Rated outer diameter of the cable (for reference) **	mm	9
Cable weight (approximate)	kg/km	100

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: air temperature plus 25 °C, soil temperature plus 15 °C,

thermal resistivity of soil 1.2 $^{\circ}K^{\bullet}m/W$, laying depth in the soil 0.7 m

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



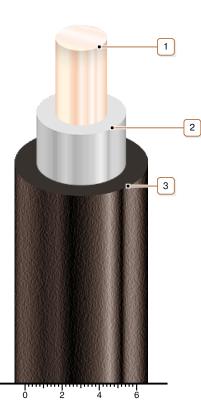


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CONSTRUCTION

- 1. Copper conductor
- 2. PVC compound insulation
- 3. PVC compound outer sheath