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ВВГнгд 5х35-1 ТУ У 31.3-00214534-018-2003

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

Cables are used for laying:

- · in bunches
- · in premises, dry ducts and tunnels, in corrosive environment
- · in bunches, in crowded places

Manufacturing of cable with multiwire conductors is possible

Fire safety code in accordance with ДСТУ 4809:2007: ΠБ123121000

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 μ TK1 on smoke-forming ability by smouldering of non-metallic elements (coefficient of smoke formation from 50 to 500 m²/kg)
- class ДΠκ2 on smoke-forming ability by combustion (minimum luminous flux more than 60 %)
- corrosive class K κ 1 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 μ S/mm)

TECHNICAL SPECIFICATIONS

	1
mm²	5 x 35
mm	1.2
y) *	
Α	127
Α	146
°C	+70
°C	+80
°C	+130
°C	-50 +50
mm	240
mm	32
kg/km	2400
m, t	# 14: 610 • 1.7
	# 16a: 990 • 2.6
	# 18: 1130 • 3.2
	mm /) * A A *C *C *C *C *C mm mm kg/km

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 °K • m/W, laying depth in the soil 0.7 m

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



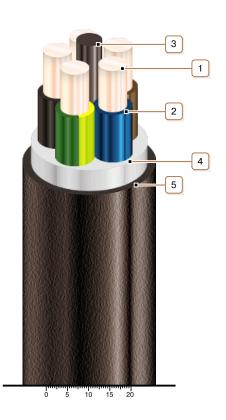




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CONSTRUCTION

- 1. Copper conductor
- 2. Low fire-risk PVC compound insulation
- 3. Low fire-risk PVC-compound bundle
- 4. Low fire-risk PVC-compound inner sheath
- 5. Low fire-risk PVC compound outer sheath

Note: Conductor twisting is not illustrated