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СИП-5 2x25 ТУ У 31.3-00214534-014-2002

Self-supporting wires with light-stabilized cross-linked polyethylene insulation

Used for laying:

- aerial electric power lines for the rated voltage of 0.6/1 kV
- · branches to the inputs into dwellings and outbuildings

TECHNICAL SPECIFICATIONS:

Rated voltage	kV	0.6 / 1
Number and rated area of phase conductors	mm²	2 x 25
Phase insulation thikness	mm	1.3
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	169
Rated outer diameter of the cable (for reference) **	mm	16.9
Weight (approximate)	kg/km	200
Rated factory cable length and gross weight of the delivery	m, t	# 16a: 3950 · 1.1
on the drums		# 18: 4520 • 1.4
		# 20: 7230 • 2.1

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 °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 %



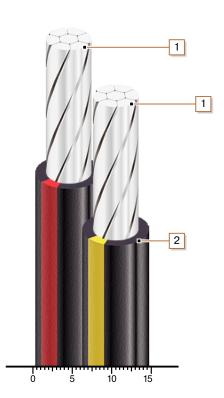




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CONSTRUCTION:

- 1. Aluminium multiwire compacted conductor
- 2. Light-stabilized cross-linked polyethylene insulation Note: wire lay-up is not illustrated