





## СИП-5 4x95+2x35 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	4 x 95
Number and rated area of additional conductors for light	mm²	2 x 35
circuits		
Phase insulation thikness	mm	1.7
Current ratings *		
Continious	Α	300
<ul><li>at short circuit (not more than 1 s)</li></ul>	kA	8.8
Maximum permissible conductor temperature		
Continious	°C	+90
<ul><li>at short circuit (not more than 5 s)</li></ul>	°C	+250
Operating temperature range	°C	-60 +50
Permissible temperature of laying (installation), no less than	°C	-20
Minimum bending radius by laying	mm	441
Rated outer diameter of the cable (for reference) **	mm	44.1
Weight (approximate)	kg/km	1530
Rated factory cable length and gross weight of the delivery	m, t	# 18: 600 • 1.4
on the drums ***		# 20: 960 • 2.1

#### Notes:

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

<sup>\*</sup> 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/m<sup>2</sup>

<sup>\*\*</sup> The external diameter may differ from the rated up to  $\pm$  10 %



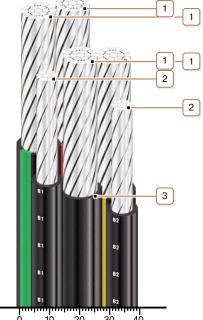




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## **CONSTRUCTION**

- 1. Aluminium multiwire compacted conductor
- 2. Multiwire compacted aluminium assisting conductor for light circuits
- 3. Light-stabilized cross-linked polyethylene insulation

Note: Wire lay-up is not illustrated.