YUZHCABLE
PRODUCTION GUIDE

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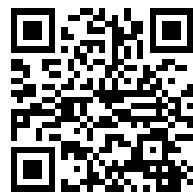E-mail: market@yuzhcable.com.ua

200107-014050225000

СІП-5нг 4x50+2x25
ТУ У 31.3-00214534-014-2002

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 to the inputs into dwellings and outbuildings*

Fire safety code in accordance with ДСТУ 4809:2007: ПБ100000000
Products of this mark meet the requirements:
- *single wire cable flame retardance*

TECHNICAL SPECIFICATIONS

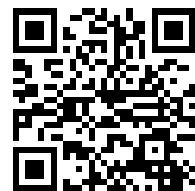|		
Rated voltage	kV	0.6 / 1
Number and rated area of phase conductors	mm^2	4 x 50
Number and rated area of additional conductors for light circuits	mm^2	2 x 25
Phase insulation thikness	mm	1.5
Current ratings *		
• *Continious*	A	195
• *at short circuit (not more than 1 s)*	kA	4.6
Maximum permissible 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	330
Rated outer diameter of the cable (for reference) **	mm	33
Weight (approximate)	kg/km	880
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 16a: 870 · 1.0 # 18: 1000 · 1.3 # 20: 1600 · 2.0

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/m^2
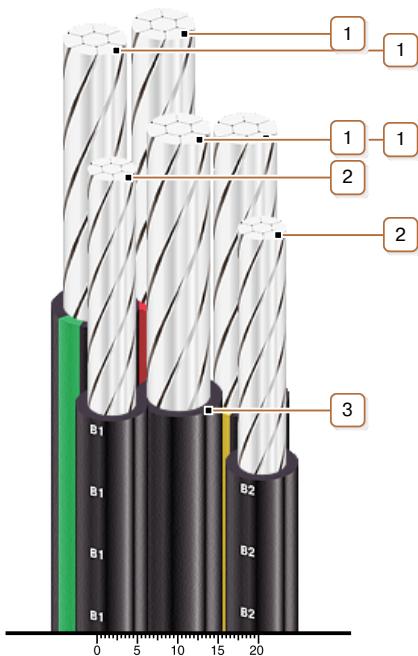
** The external diameter may differ from the rated up to ± 10 %

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CONSTRUCTION

1. *Aluminium multiwire compacted conductor*
2. *Multiwire compacted aluminium assisting conductor for light circuits*
3. *Flame-retardant polymer compound insulation*

Note: Wire lay-up is not illustrated.