



## ААШп 3x50(ож)-1 ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with impregnated paper insulation, aluminium-sheathed, with polyethylene protection hose

Cables are used for laying:

- *in soil (trenches) with high corrosiveness, as well as with vagabond currents*
- *with no risk of mechanical damage in operation*

### TECHNICAL SPECIFICATIONS

Rated voltage	kV	1
Number and rated area of conductors	mm <sup>2</sup>	3 x 50
Insulation thickness between conductors	mm	1.5
Insulation thickness of conductor-sheath	mm	1.25
Sheath thickness	mm	1.2
Permissible continuous current rating *		
• <i>by aerial laying</i>	A	146
• <i>by burial</i>	A	153
Operating temperature range	°C	-50 ... +50
Minimum bending radius by laying	mm	625
Level difference along the laying rout, not more than	m	25
Metal sheath outer diameter (for reference only)	mm	20
Rated outer diameter of the cable (for reference) **	mm	25
Cable weight (approximate)	kg/km	850
Rated factory cable length and gross weight of the delivery on the drums	m, t	# 16: 570 • 0.7

Notes:

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

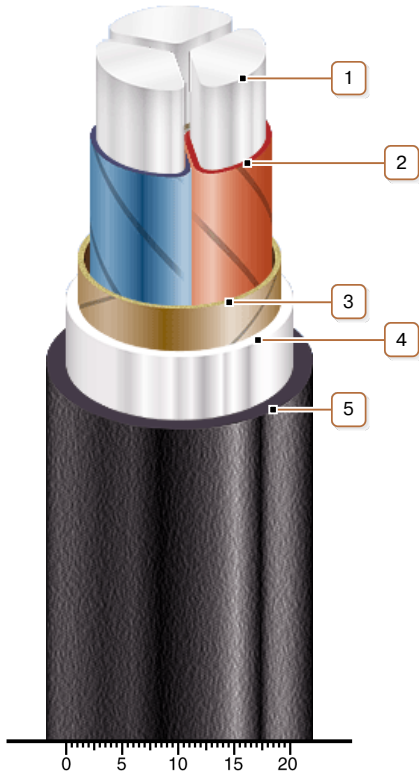
*\* Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K·m/W, laying depth in the soil 0.7 m*

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



## ААШп 3х50(ож)-1 ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with impregnated paper insulation, aluminium-sheathed, with polyethylene protection hose



### CONSTRUCTION

1. Aluminium conductor
2. Impregnated paper insulation
3. Belt insulation
4. Aluminium sheath
5. Pressed off polyethylene protection hose

Note: Conductor twisting is not illustrated