



ААШп 4x95-1 TY Y 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 ²	4 x 95
Insulation thickness between conductors	mm	1.5
Insulation thickness of conductor-sheath	mm	1.25
Sheath thickness	mm	1.45
Permissible continious current rating *		
• <i>by aerial laying</i>	A	203
• <i>by burial</i>	A	204
Operating temperature range	°C	-50 ... +50
Minimum bending radius by laying	mm	975
Level difference along the laying rout, not more than	m	25
Metal shaeth outer diameter (for reference only)	mm	33
Rated outer diameter of the cable (for reference) **	mm	39
Cable weight (approximate)	kg/km	2060

Notes:

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

* Long permissible current loads are calculated during operation in four-wire networks with load in all the conductors 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 %

CONSTRUCTION

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

Note: Conductor twisting is not illustrated

