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ААШп 3х70(ож)-10 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	10
Number and rated area of conductors	mm²	3 x 70
Insulation thikness between conductors	mm	5.5
Insulation thikness of conductor-sheath	mm	4
Sheath thikness	mm	1.45
Permissible continious current rating *		
• by aerial laying	A	161
• by burial	A	162
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	975
Level difference along the laying rout, not more than	m	15
Metal shaeth outer diameter (for reference only)	mm	33
Rated outer diameter of the cable (for reference) **	mm	39
Cable weight (approximate)	kg/km	1840
Notoo:		

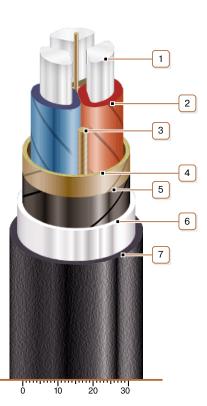
Notes:

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: air temperature plus 25 °C, soil temperature plus 15 °C,

thermal resistivity of soil 1.2 $^{\circ}\!K^{\:\bullet}\,m/W,$ laying depth in the soil 0.7 m

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



CONSTRUCTION

- 1. Aluminium conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Aluminium sheath

7. Pressed off polyethylene protection hose

Note: Conductor twisting is not illustrated