

All Aluminium Conductor (AAC) is a round wire concentric lay stranded conductor (for overhead lines), made up of one or more strands of aluminum wire depending on the specific application.



Characteristic	Unit	Value
Number of aluminium wires	pcs.	19
Diameter of aluminium wire	mm	2,97
Number of steel wires	pcs.	N/A
Diameter of steel wire	mm	N/A
Diameter of conductor	mm	14,9
Rated conductor cross section	mm <sup>2</sup>	132
Weight of conductor	kg/km	362
Grease application		No
Type of grease application		N/A
Grease code designation acc.to EN 50326		20A80
Lowest laying temperature	°C	-20
Conductor DC resistance per km at 20°C	Ohm/km	≤0,2183
Maximum permissible duration of short circuit	s	5
Maximum permissible continuous conductor temperature	°C	80
Maximum permissible conductor temperature during the short circuit	°C	200
Rated strength	kN	≥22,38
Delivery length per drum	m	6400
Gross weight of full cable drum	kg	3080
Diameter of cable drum	mm	2064
Width of cable drum	mm	1250
Manufacturers name		Energocomplekt
Country of Origin		Belarus