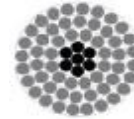


Aluminium Conductor Steel Reinforced (ACSR) is a round wire concentric lay stranded conductor (for overhead lines) with one or more layers of hard drawn aluminium wires around a core of zinc coated steel wires. The core can be single wire or stranded depending on the size.



Characteristic	Unit	Value
Number of aluminium wires	pcs.	6
Diameter of aluminium wire	mm	4,25
Number of steel wires	pcs.	1
Diameter of steel wire	mm	4,25
Diameter of conductor	mm	12,75
Rated conductor cross section	mm ²	85/14 (Al/St)
Weight of conductor	kg/km	344
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	≤0,3367
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	≥29,22
Delivery length per drum	m	8800
Gross weight of full cable drum	kg	3790
Diameter of cable drum	mm	2064
Width of cable drum	mm	1250
Manufacturers name		Energocomplekt
Country of Origin		Belarus