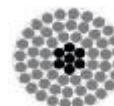


Aluminium Conductor Steel Reinforced (ACSR) is a round wire concentric lay stranded conductor (for overhead lines) with one or more layers of hard drawn aluminium wires around a core of zinc coated steel wires. The core can be single wire or stranded depending on the size.



Characteristic	Unit	Value
Number of aluminium wires	pcs.	6
Diameter of aluminium wire	mm	3,37
Number of steel wires	pcs.	1
Diameter of steel wire	mm	3,37
Diameter of conductor	mm	10,11
Rated conductor cross section	mm ²	54/9 (Al/St)
Weight of conductor	kg/km	216
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	≤0,5355
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	≥18,64
Delivery length per drum	m	14000
Gross weight of full cable drum	kg	3787
Diameter of cable drum	mm	2064
Width of cable drum	mm	1250
Manufacturers name		Energocomplekt
Country of Origin		Belarus