

## TECHNICAL DATA SHEET FOR ACSR PARTRIDGE

	UNIT	
Standart Use		EN 50182
Code		ACSR PARTRIDGE
AWG-MCM		266,8
Stranding		
Al	mm <sup>2</sup>	26X2,57
Steel	mm <sup>2</sup>	7X2,00
Section		
Total	mm <sup>2</sup>	156,9
Al		134,9
Overall Diameter		
Total		16,28
Steel	mm	6
Cable Weight(kg/km)		
Total		546,1
Al		374,3
Steel		171,8
Rated strength	kN	50,28
Electrical Resistance	Ω/km	
DC Resistance at 20 °C	Ω/km	0,214
AC Resistance at 25 °C	Ω/km	0,217
AC Resistance at 75 °C	Ω/km	0,257
Current carrying capacity	A	490
Coefficient of linear expansion	1/°C	19.2x10 <sup>-6</sup>
Initial modulus of elasticity	N/mm <sup>2</sup>	60.801
final modulus of elasticity	N/mm <sup>2</sup>	75.569