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Technical sheet

SPARROW

Specification: 2 AWG ACSR SPARROW

Standard : ASTM,B230M-99,

Nominal Dia.: AL 6/2.67+GA 1/2.67

B231M-99,B232M-01,B498-99

Dimension & Physical Properties:

Date: 2011

AAC Single wire:		
Test Item	Unit	Spec. Value
Appearance	--	Good
Diameter	mm	6/2.67±0.03
Area	mm ²	33.61
Elongation at 254 mm	%	Avg 1.6
		Min.1.5
Tensile Strength	MPA	Avg.180
		Min. 170
Resistivity at 20°C	Ωmm ² /m	Avg. 0.028172
		Min. 0.028265
Bending test		1D×8 turns Not crack
GA Single Wire:		
Appearance	--	Good
Diameter	mm	1/2.67(-0.05+0.05)
Stress at 1% extension	MPA	Min.1280
Tensile Strength	MPA	Min.1410
Elongation at 254 mm	%	Min.3.5
Wrap test		2Dx8 turns not facture
Finished product:		
Appearance	--	Good
Overall Diameter	mm	8.01
Layer Direction (Outer Layer)		Z
Nominal breaking load	daN	1270
Unit Weight	kg/km	136±2%
D.C.Resistance	Ω/km-20	Max.0.8535