



Technical sheet

RAVEN

Specification: 1/0 AWG ACSR - RAVEN
Nominal Dia.: AL 6/3.37+GA 1/3.37

Standard : ASTM,B230M-99,
B231M-99,B232M-01,B498-99

Dimension & Physical Properties:

Date: 2011

AAC Single wire:		
Test Item	Unit	Spec. Value
Appearance	--	Good
Diameter	mm	6/3.37±1%
Area	mm ²	53.48
Elongation at 254 mm	%	Avg 1.8
		Min.1.7
Tensile Strength	MPA	Avg.170
		Min. 160
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	1/3.37(-0.05+0.08)
Stress at 1% extension	MPA	Min.1240
Tensile Strength	MPA	Min.1410
Elongation at 254 mm	%	Min.4.0
Wrap test		2Dx8 turns not facture
Finished product:		
Appearance	--	Good
Overall Diameter	mm	10.11
Layer Direction (Outer Layer)		Z
Nominal breaking load	daN	1932
Unit Weight	kg/km	216±2%
D.C.Resistance	Ω/km-20	Max.0.5364