



Technical sheet

DRAKE

Specification: 795 KCMIL ACSR (DRAKE) Standard : ASTM,B230M-99,
 Nominal Dia.: AL 26/4.44+GA 7/3.45 B231M-99,B232M-01,B498-99

Dimension & Physical Properties: Date: 2011

AAC Single wire:		
Test Item	Unit	Spec. Value
Appearance	--	Good
Diameter	mm	26/4.44±1%
Area	mm ²	402.84
Elongation at 254 mm	%	Avg 2.0
		Min. 1.9
Tensile Strength	MPA	Avg. 165
		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	7/3.45(-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	28.11
Layer Direction (Outer Layer)		Z
Nominal breaking load	daN	13992
Unit Weight	kg/km	1628±2%
D.C.Resistance	Ω/km-20	Max.0.07191