



Technical sheet

**COSTENA**

Specification : QUADRUPLEX 1/0 COSTENA      Standard : ASTM,B230M-99,  
 Nominal Dia. : 1/0 AWG×3C+N(ACSR 1/0AWG)      B231M-04, B398M-02

Dimension & Physical Properties:      Date: 2011

Phase Conductor AAC Wire:		
Item	Unit	Spec. Value
Appearance		Good
Diameter	mm	AL 19/1.89±0.03
Elongation at 254 mm	%	Avg. 1.6
		Min. 1.4
Tensile Strength	MPA	Avg. 195
		Min. 185
Resistivity at 20	mm <sup>2</sup> /m	Avg. 0.028172
		Max. 0.028265
Bending test		1D×8 turns    Not crack
Conductor Diameter	mm	9.45
Lay direction	mm	S
Thickness of Insulation (XLPE)	mm	Avg. 1.52
Overall Diameter (XLPE)	mm	12.49(Approx.)
Neutral Conductor ACSR Wire		
Appearance		Good
Diameter	mm	AL6/3.37+ST 1/3.37
Elongation at 254 mm	%	Min.4.0
Rated Tensile Strength	daN	1932
Resistivity at 20	mm <sup>2</sup> /m	Max. 0.5364
Conductor Diameter	mm	10.11
Lay direction		Z
Finished products    1/0 AWG×3C+N(ACSR 1/0AWG)		
Overall Diameter	mm	29.98(Approx.)
Lay direction	mm	Z
Nominal Weight	Kg/km	862