



Technical sheet
CONCH

Specification : TRIPLEX 2 CONCH Standard : ASTM,B230M-99,
Nominal Dia. : 2 AWG×2C+N(ACSR 2 AWG) B231M-04, B398M-02

Dimension & Physical Properties: Date: 2011

Phase Conductor AAC Wire:		
Item	Unit	Spec. Value
Appearance		Good
Diameter	mm	AL 7/2.474±0.03
Elongation at 254 mm	%	Avg. 1.6
		Min. 1.5
Tensile Strength	MPA	Avg. 185
		Min. 175
Resistivity at 20	Ωmm ² /m	Avg. 0.028172
		Max. 0.028265
Bending test		1D×8 turns Not crack
Conductor Diamter	mm	7.42
Lay direction	mm	S
Thickness of Insulation (XLPE)	mm	Avg. 1.14
Overall Diameter (XLPE)	mm	9.7(Approx.)
Neutral Conductor ACSR Wire		
Appearance		Good
Diameter	mm	AL6/2.67+ST1/2.67
Elongation at 254 mm	%	Min. 3.5
Rated Tensile Strength	daN	1270
Resistance at 20	Ω/km	Max. 0.8535
Conductor Diameter	mm	8.01
Lay direction		Z
Finished products 2 AWG×2C+N(ACSR 2 AWG)		
Overall Diameter	mm	18.43(Approx.)
Lay direction	mm	Z
Nominal Weight	Kg/km	384