



Technical sheet
VOLUTA

Specification: TRIPLEX 6 VOLUTA
Nominal Dia: 6AWG×2C+N(ACSR 6 AWG)

Standard: ASTM,B230M-99,
B231M-04, B398M-02

Dimension & Physical Properties:

Date: 2011

Phase Conductor AAC Wire:		
Item	Unit	Spec. Value
Appearance		Good
Diameter	mm	AL 7/1.554±0.03
Elongation at 254 mm	%	Avg. 1.5
		Min. 1.3
Tensile Strength	MPA	Avg. 195
		Min. 185
Resistivity at 20°C	Ωmm ² /m	Avg. 0.028172
		Max. 0.028265
Bending test		1D×8 turns Not crack
Conductor Diameter	mm	4.67
Lay direction	mm	S
Thickness of Insulation (XLPE)	mm	Avg. 1.14
Overall Diameter (XLPE)	mm	6.95(Approx.)
Neutral Conductor ACSR Wire		
Appearance		Good
Diameter	mm	AL6/1.68+ST1/1.68
Elongation at 254 mm	%	Min. 3.0
Rated Tensile Strength	daN	524
Resistance at 20°C	Ω/km	Max.2.1586
Conductor Diameter	mm	5.04
Lay direction		Z
Finished products : 6AWG×2C+N(ACSR 6 AWG)		
Overall Diameter	mm	13.2(Approx.)
Lay direction	mm	Z
Nominal Weight	Kg/km	176