



**Technical sheet**  
**PERWINKLE**

Specification: TRIPLEX 4 PERWINKLE  
Nominal Dia.: 4AWG×2C+N(ACSR 4 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 7/1.96±0.03
Elongation at 254 mm	%	Avg. 1.6
		Min. 1.4
Tensile Strength	MPA	Avg. 195
		Min. 185
Resistivity at 20°C	Ωmm <sup>2</sup> /m	Avg. 0.028172
		Max. 0.028265
Bending test		1D×8 turns Not crack
Conductor Diameter	mm	5.89
Lay direction	mm	S
Thickness of Insulation (XLPE)	mm	Avg. 1.14
Overall Diameter (XLPE)	mm	8.17(Approx.)
Neutral Conductor ACSR Wire		
Appearance		Good
Diameter	mm	AL6/2.12+ST1/2.12
Elongation at 254 mm	%	Min. 3.0
Rated Tensile Strength	daN	832
Resistance at 20°C	Ω/km	Max. 1.3557
Conductor Diameter	mm	6.36
Lay direction		Z
Finished products : 4AWG×2C+N(ACSR 4 AWG)		
Overall Diameter	mm	15.52(Approx.)
Lay direction	mm	Z
Nominal Weight	Kg/km	263