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Technical sheet

**PRATT**

Specification: URD TRIPLEX 250KCMIL PRATT Standard : ASTM,B230M-99,  
Nominal Dia: 250KCMIL×2C+N(AAC 3/0 AWG) B231M-04, B398M-02

Dimension & Physical Properties: Date: 2011

Phase Conductor AAC Wire:		
Item	Unit	Spec. Value
Appearance		Good
Diameter	mm	AL 37/2.088±0.03
Elongation at 254 mm	%	Avg. 1.6
		Min. 1.5
Tensile Strength	MPA	Avg. 190
		Min. 180
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	14.18
Lay direction	mm	S
Thickness of Insulation (XLPE)	mm	Avg. 2.41
Overall Diameter (XLPE)	mm	19(Approx.)
Neutral Conductor AAC Wire		
Appearance		Good
Diameter	mm	AL19/2.39
Elongation at 254 mm	%	Avg.1.6
Rated Tensile Strength	daN	1347
Resistance at 20°C	Ω/km	Max. 0.3390
Conductor Diameter	mm	11.6
Lay direction		S
Thickness of Insulation (XLPE)	mm	Avg. 2.03
Overall Diameter (XLPE)	mm	15.66(Approx.)
Finished products : 250KCMIL×2C+N(AAC 3/0 AWG)		
Overall Diameter	mm	30.9(Approx.)
Lay direction	mm	S
Nominal Weight	Kg/km	723