COMMODITY CABLES, INC.

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Technical sheet

RIDER

Specification : URD TRIPLEX 500KCMIL RIDER Standard : ASTM,B230M-99,
Nominal Dia. :500KCMIL×2C+N(AAC KCMIL 350) B231M-04, B398M-02

Dimension & Physical Properties: Date: 2011

Phase Conductor AAC Wire:		
Item	Unit	Spec. Value
Appearance		Good
Diameter	mm	AL 37/2.951±0.03
Elongation at 254 mm	%	Avg. 1.7
		Min. 1.6
Tensile Strength	MPA	Avg. 175
		Min. 165
Resistivity at 20℃	Ωmm2/m	Avg. 0.028172
		Max. 0.028265
Bending test		1D×8 turns Not crack
Conductor Diamter	mm	20.08
Lay direction	mm	S
Thickness of Insulation (XLPE)	mm	Avg. 2.41
Overall Diameter (XLPE)	mm	24.9(Approx.)
Neutral Conductor AAC Wire		
Appearance		Good
Diameter	mm	AL 37/2.47
Elongation at 254 mm	%	Avg.1.6
Rated Tensile Strength	daN	2804
Resistance at 20℃	Ω/km	Max.0.1625
Conductor Diameter	mm	16.78
Lay direction		S
Thickness of Insulation (XLPE)	mm	Avg.2.41
Overall Diameter (XLPE)	mm	21.6(Approx.)
Finished products : 500KCMIL×2C+N(AAC KCMIL 350)		
Overall Diameter	mm	53.7(Approx.)
Lay direction	mm	S
Nominal Weight	Kg/km	2407