COMMODITY CABLES, INC.

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Technical sheet

STEPHENS

Specification: URD TRIPLEX 2 STEPHENS Standard: ASTM,B230M-99,
Nominal Dia: 2 AWG×2C+N(AAC 4AWG) 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. 85
		Min. 175
Resistivity at 20℃	Ωmm2/m	Avg. 0.028172
		Max. 0.028265
Bending test		1D×8 turns Not crack
Conductor Diamter	mm	7.25
Lay direction	mm	S
Thickness of Insulation (XLPE)	mm	Avg. 1.52
Overall Diameter (XLPE)	mm	10.29(Approx.)
Neutral Conductor AAC Wire		
Appearance		Good
Diameter	mm	AL 7/1.96
Elongation at 254 mm	%	Avg.1.6
Rated Tensile Strength	daN	396
Resistance at 20℃	Ω/km	Max.1.3624
Conductor Diameter	mm	5.75
Lay direction		S
Thickness of Insulation (XLPE)	mm	Avg. 1.52
Overall Diameter (XLPE)	mm	8.79(Approx.)
Finished products : 2 AWG×2C+N(AAC 4AWG)		
Overall Diameter	mm	22.1(Approx.)
Lay direction	mm	S
Nominal Weight	Kg/km	375