COMMODITY CABLES, INC.

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Technical sheet

SWEETBRIAR

Specification : URD TRIPLEX 4/0 SWEETBRIAR Standard : ASTM,B230M-99,
Nominal Dia.: 4/0AWG×2C+N(AAC 2/0 AWG) B231M-04, B398M-02

Dimension & Physical Properties: Date: 2011

Phase Conductor AAC Wire:		
Item	Unit	Spec. Value
Appearance		Good
Diameter	mm	AL 19/2.68±0.03
Elongation at 254 mm	%	Avg. 1.6
		Min. 1.5
Tensile Strength	MPA	Avg. 180
		Min. 170
Resistivity at 20℃	Ωmm2/m	Avg. 0.028172
		Max. 0.028265
Bending test		1D×8 turns Not crack
Conductor Diamter	mm	13.26
Lay direction	mm	S
Thickness of Insulation (XLPE)	mm	Avg. 2.03
Overall Diameter (XLPE)	mm	17.32(Approx.)
Neutral Conductor AAC Wire		
Appearance		Good
Diameter	mm	AL19/2.126
Elongation at 254 mm	%	Avg.1.6
Rated Tensile Strength	daN	1100
Resistance at 20℃	Ω/km	Max. 0.4276
Conductor Diameter	mm	10.51
Lay direction		S
Thickness of Insulation (XLPE)	mm	Avg. 2.03
Overall Diameter (XLPE)	mm	14.57(Approx.)
Finished products : 4/0AWG×2C+N(AAC 2/0 AWG)		
Overall Diameter	mm	36.8(Approx.)
Lay direction	mm	S
Nominal Weight	Kg/km	1070