



Technical sheet
NOTRE DAME

Specification: URD QUARD 1/0 NOTRE DAME Standard : ASTM,B230M-99,
Nominal Dia: 1/0 AWG×3C+N(AAC 2 AWG) B231M-04, B398M-02

Dimension & Physical Properties: Date: 2011

Phase Conductor AAC Wire:		
Item	Unit	Spec. Value
Appearance		Good
Diameter	mm	AL 19/1.89±0.03
Elongation at 254 mm	%	Avg. 1.6
		Min. 1.4
Tensile Strength	MPA	Avg. 195
		Min. 185
Resistivity at 20°C	Ωmm ² /m	Avg. 0.028172
		Max. 0.028265
Bending test		1D×8 turns Not crack
Conductor Diameter	mm	9.14
Lay direction	mm	S
Thickness of Insulation (XLPE)	mm	Avg. 2.03
Overall Diameter (XLPE)	mm	13.2(Approx.)
Neutral Conductor AAC Wire		
Appearance		Good
Diameter	mm	AL 7/2.474
Elongation at 254 mm	%	Avg.1.6
Rated Tensile Strength	daN	597
Resistance at 20°C	Ω/km	Max.0.8577
Conductor Diameter	mm	7.25
Lay direction		S
Thickness of Insulation (XLPE)	mm	Avg. 1.52
Overall Diameter (XLPE)	mm	10.29(Approx.)
Finished products : 1/0 AWG×3C+N(AAC 2 AWG)		
Overall Diameter	mm	32(Approx.)
Lay direction	mm	S
Nominal Weight	Kg/km	810