

Technical sheet  
**BRENAU**

Specification : URD TRIPLEX 1/0 BRENAU      Standard : ASTM,B230M-99,  
Nominal Dia. :1/0AWG×2C+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	Ωmm <sup>2</sup> /m	Avg. 0.028172
		Max. 0.028265
Bending test		1D×8 turns Not crack
Conductor Diameter	mm	9.36
Lay direction	mm	S
Thickness of Insulation (XLPE)	mm	Avg. 2.03
Overall Diameter (XLPE)	mm	13.42(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	Ω/km	Max.0.8577
Conductor Diameter	mm	7.42
Lay direction		S
Thickness of Insulation (XLPE)	mm	Avg. 1.52
Overall Diameter (XLPE)	mm	10.46(Approx.)
Finished products 1/0AWG×2C+N(AAC 2 AWG)		
Overall Diameter	mm	28.5(Approx.)
Lay direction	mm	S
Nominal Weight	Kg/km	583