



www.commoditycables.com

Technical sheet

SYRACUSE

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

Dimension & Physical Properties:

Date: 2011

Phase Conductor AAC Wire:		
Item	Unit	Spec. Value
Appearance		Good
Diameter	mm	AL 19/2.126±0.03
Elongation at 254 mm	%	Avg. 1.6
		Min. 1.5
Tensile Strength	MPA	Avg. 190
		Min. 180
Resistivity at 20	Ωmm ² /m	Avg. 0.028172
		Max. 0.028265
Bending test		1D×8 turns Not crack
Conductor Diamter	mm	10.63
Lay direction	mm	S
Thickness of Insulation (XLPE)	mm	Avg. 2.03
Overall Diameter (XLPE)	mm	14.69(Approx.)
Neutral Conductor AAC Wire		
Appearance		Good
Diameter	mm	AL19/1.69
Elongation at 254 mm	%	Avg.1.5
Rated Tensile Strength	daN	732
Resistance at 20	Ω/km	Max. 0.6801
Conductor Diameter	mm	8.45
Lay direction		S
Thickness of Insulation (XLPE)	mm	Avg. 2.03
Overall Diameter (XLPE)	mm	12.51(Approx.)
Finished products 2/0 AWG×3C+N(AAC 1 AWG)		
Overall Diameter	mm	34.6(Approx.)
Lay direction	mm	S
Nominal Weight	Kg/km	998