

Technical sheet
SUFFOLK

Specification: QUADRUPLEX 3/0 SUFFOLK Standard: ASTM,B230M-99,
Nominal Dia.: 3/0AWG×3C+N(ACSR3 /0AWG) B231M-04, B398M-02

Dimension & Physical Properties: Date: 2011

Phase Conductor AAC Wire:		
Item	Unit	Spec. Value
Appearance		Good
Diameter	mm	AL 19/2.39±0.03
Elongation at 254 mm	%	Avg. 1.6
		Min. 1.5
Tensile Strength	MPA	Avg. 185
		Min. 175
Resistivity at 20°C	Ωmm ² /m	Avg. 0.028172
		Max. 0.028265
Bending test		1D×8 turns Not crack
Conductor Diameter	mm	11.6
Lay direction	mm	S
Thickness of Insulation (XLPE)	mm	Avg. 1.52
Overall Diameter (XLPE)	mm	14.64(Approx.)
Neutral Conductor ACSR Wire		
Appearance		Good
Diameter	mm	AL6/4.25+ST1/4.25
Elongation at 254 mm	%	Min.4.0
Rated Tensile Strength	daN	2941
Resistance at 20°C	Ω/km	Max. 0.3373
Conductor Diameter	mm	12.75
Lay direction		Z
Finished products : 3/0AWG×3C+N(ACSR3 /0AWG)		
Overall Diameter	mm	35.98(Approx.)
Lay direction	mm	Z
Nominal Weight	Kg/km	1313