

Technical sheet
WESLEYAN

Specification: URD TRIPLEX 350KCMIL WESLEYAN
Standard: ASTM,B230M-99, B231M-04, B398M-02
Nominal Dia.: 350KCMIL×2C+N(AAC AWG4/0)

Dimension & Physical Properties:

Date: 2011

Phase Conductor AAC Wire:		
Item	Unit	Spec. Value
Appearance		Good
Diameter	mm	AL 37/2.47±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	16.78
Lay direction	mm	S
Thickness of Insulation (XLPE)	mm	Avg. 2.41
Overall Diameter (XLPE)	mm	21.6(Approx.)
Neutral Conductor AAC Wire		
Appearance		Good
Diameter	mm	AL19/2.68
Elongation at 254 mm	%	Avg.1.6
Rated Tensile Strength	daN	1698
Resistance at 20°C	Ω/km	Max. 0.2688
Conductor Diameter	mm	13
Lay direction		S
Thickness of Insulation (XLPE)	mm	Avg. 2.03
Overall Diameter (XLPE)	mm	17.03(Approx.)
Finished products : 350KCMIL×2C+N(AAC AWG4/0)		
Overall Diameter	mm	46.6(Approx.)
Lay direction	mm	S
Nominal Weight	Kg/km	1686