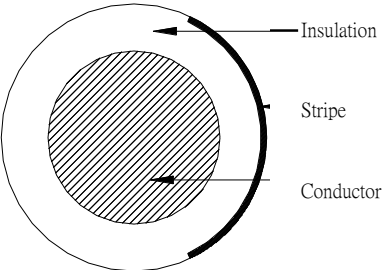




# Product Specification

<b>Part No.:</b> XB3271623		<b>Color</b>	
<b>Style 3271</b> Single conductor with extruded insulation		Available colors from: Black / Brown / Red / Orange / Yellow / Green / Blue / Violet Gray / White / Light Blue / Pink / Light Green / Light Gray	
<b>Cross Section</b>			
			
<b>Marking</b>			
BELDEN E357312-S 14AWG  AWM STYLE 3271 125C 600V ---  AWM I A 125C 600V FT2 -F- ROHS HALOGEN FREE			
<b>Description</b>			
Rated Voltage (V)	600		
Rated Temperature (°C)	125		
Product Standard Certification	UL		
Flammability Test	FT2		
<b>Application</b>			
For use as motor leads or internal wiring of appliances			
<b>Reference Standard</b>			
UL758, UL1581 & CSA C22.2 No.210.2&Per request			
<b>Construction</b>			
<b>1Core</b>		<b>Stranded Tinned Copper</b>	
<b>Conductor</b>			
AWG	14		
Construction	41/0.254		
Stranded Dia. (mm)	1.88		
<b>Insulation</b>		<b>NHFR</b>	
Min. Thickness (mm)	0.69		
Nom. Thickness (mm)	0.76		
Insulation Dia. (±0.12mm)	3.44		
<b>Performance</b>			
<b>Electrical Characteristics(20°C)</b>			
Max. Conductor DC Resistance at 20°C (ohms/km)	8.96		
Dielectric Strength (kV/min)	2		
<b>Mechanical Characteristics :</b>			
<b>Test Object</b>			<b>Insulation</b>
Test Material			NHFR
Before	Tensile Strength (Mpa)	>=14.1	
Aging	Elongation (%)	>=300	
Aging Condition			158±2°C x 168 hrs
After	Tensile Strength (Mpa)	>=80% of original	
Aging	Elongation (%)	>=80% of original	
<b>Sample Record</b>			
Sample No. :			
Original spec no.:		Rev.:	
Ref. spec No. : SK-B3271-623		Rev.: 0	
<b>Revision History</b>			
Prepared by: MIKEYANG 2012/11/6 Table No.:T100 Rev.: 0			
Approved by: CICICHENG 2012/11/6 Page 1 of 1			