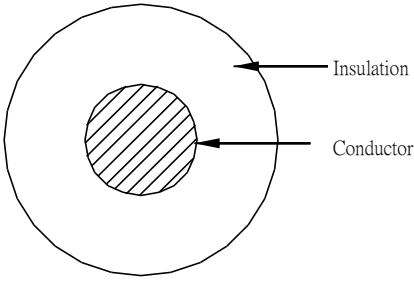




Product Specification

Part No.: XB3271618		Color							
<p align="center">Cross Section</p> 		Available colors from: Black / Brown / Red / Orange / Yellow / Green / Blue / Violet Gray / White / Light Blue / Pink / Light Green / Light Gray							
		Performance							
Marking		Electrical Characteristics(20°C)							
BELDEN E357312-S 14AWG  AWM STYLE 3271 125C 600V ---  AWM I A 125C 600V FT2 ROHS		<table border="0"> <tr> <td>Max. Conductor DC Resistance at 20°C (ohms/km)</td> <td align="right">9.7</td> </tr> <tr> <td>Dielectric Strength (kV/min)</td> <td align="right">2</td> </tr> <tr> <td>Min. Insulation Resistance (Mohm*km)</td> <td align="right">50</td> </tr> </table>		Max. Conductor DC Resistance at 20°C (ohms/km)	9.7	Dielectric Strength (kV/min)	2	Min. Insulation Resistance (Mohm*km)	50
Max. Conductor DC Resistance at 20°C (ohms/km)	9.7								
Dielectric Strength (kV/min)	2								
Min. Insulation Resistance (Mohm*km)	50								
Description		Mechanical Characteristics :							
Rated Voltage (V)	600	Test Object	Insulation						
Rated Temperature (°C)	125	Test Material	NHFR						
Product Standard Certification	UL	Before Tensile Strength (Mpa)	≥14.1						
Flammability Test	FT2	Aging Elongation (%)	≥300						
Application	For use as motor leads or internal wiring of appliances	Aging Condition	158±2°C x 168 hrs						
Reference Standard	UL758, UL1581 & CSA C22.2 No.210.2&Per request	After Tensile Strength (Mpa)	≥80% of original						
		Aging Elongation (%)	≥80% of original						
Construction		Sample Record							
1Core		Sample No. :							
Conductor	Stranded Tinned Copper	Original spec no.:	Rev.:						
AWG	14	Ref. spec No. : SK-B3271-618	Rev.: 0						
Construction	41/0.254	Revision History							
Stranded Dia. (mm)	1.88								
Insulation	NHFR								
Min. Thickness (mm)	0.69								
Nom. Thickness (mm)	0.78								
Insulation Dia. (±0.12mm)	3.44								
		Prepared by: MIKEYANG 2012/11/6 Table No.:T100 Rev.: 0							
		Approved by: CICICHENG 2012/11/6 Page 1 of 1							