



**Marking**

E148000 AWM STYLE 1534 14AWG 80°C VW-1 ---  
 AWM I A 80°C 300V FT1 -F- -LF- PCXX **LTK**

**Description**

Rated Voltage (V)	80
Rated Temperature (°C)	300
Product Standard Certification	UL
Flammability Test	VW-1, FT1

**Application**  
 For internal wiring of electronic equipment

**Reference Standard**  
 UL758, UL1581 & CSA C22.2 No. 210

**Construction**

<b>1 Core</b>	<b>Stranded Tinned Copper</b>
AWG	14
Construction (mm)	41/0.254
Stranded Dia(mm)	1.87
<b>Insulation</b>	<b>XL-PVC</b>
Nom. Thickness (mm)	0.33
Min. Thickness (mm)	0.28
Insulation Dia. (±0.20mm)	2.60

**Color**

Available colors from:  
  
 Per request

**Part. No. :** B5AB2-0588

Ref. spec No. : GD-1534-004      Rev: 0

**Revision History**

**Performance**

**Electrical Characteristics:**

Max. DC Conductor Resistance at 20°C (ohms/km)	8.96
Dielectric Strength (kV/min)	2.0

**Mechanical Characteristics:**

<b>Test Object</b>	<b>Insulation</b>
Test Material	XL-PVC
Before Tensile Strength (Mpa)	≥ 10.35
Aging Elongation (%)	≥ 150
Aging Condition (°C)	113±2°C x 168 hrs
After Tensile Strength (Mpa)	≥ 70% of original
Aging Elongation (%)	≥ 70% of original

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\* Usage instruction:  
 Not to be used directly in corrosive environments such as strong acids and strong alkaline. not be immersed in water or in a high humidity environment.  
 not be exposed in the sunlight outdoor. It is suggested the wiring minimum bending radius shall be 5 times OD and more, and can not be used in strong stress conditions. The wire needs to be stored indoors, in a dry and ventilated environment. If there's some special requirements for wire , please contact with our sales .  
 When customers purchase our products,they should test to verify whether the products is applicable to the usage.