



**Marking**

E148000 AWM STYLE 2464 12AWG 80°C 300V VW-1 - - -  
 AWM I/II A/B 80°C 300V FT1 -LF- PCXX

**Description**

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

**Application**  
 Internal wiring or external interconnection of electronic equipment

**Reference Standard**  
 UL758, UL1581, CSA C22.2 No210

**Construction**

<b>3 Cores</b>	<b>Stranded Tinned Copper</b>
AWG	12
Construction	65/0.254
Stranded Dia.(mm)	2.36
<b>Insulation</b>	<b>PVC</b>
Nom. Thickness(mm)	0.76
Insulation Dia.(±0.15mm)	4.00
<b>Cable assembly</b>	<b>3C</b>
<b>Jacket</b>	<b>PVC</b>
Nom. Thickness(mm)	0.76
Min. Thickness(mm)	0.61
<b>Outer Dia. (±0.30mm)</b>	<b>10.50</b>

ZSH160249

**Part No.:** SPBB6-0564

Packaging: 100M/R Customer Name:

Ref. spec No.: GD-2464-4666 Rev.: 1

**Revision History**

Increase the Mechanical Characteristics

**Color**

**Insulation:**  
 1.Black 2.Blue 3.Yellow/Green

**Jacket:**  
 according to the customer's requirements

**Performance**

**Electrical Characteristics:**

Dielectric Strength (kV/min)	2.00
Max. DC Resistance at 20°C (Ω/km)	5.64
Min. Insulation DC Resistance(MΩ/KM)	0.75
Spark test	6KV/0.15S

**Mechanical Characteristics:**

<b>Test Object</b>	<b>Jacket</b>
Test Material	PVC
Before Tensile Strength(Mpa)	≥ 10.30
Aging Elongation(%)	≥ 100
Aging Condition(°C)	113±2°C x168 hrs
After Tensile Strength(Mpa)	≥ 70% of original
Aging Elongation(%)	≥ 65% of original
<b>Deformation</b>	121±2°C x1hr
	≤ 50%;(2Kg)
<b>Cold Bend</b>	-20±2°C x4hrs
	No crack
<b>Heat Shock</b>	121±2°C x1hr
	No crack

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- LTK Cable (Chongqing) Ltd
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Prepared by: JFN 2016.06.29 Table No.:TFA046 Form Rev.:7  
 Approved by: KAKA 2016.06.29 Page 1 of 1

\* 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.