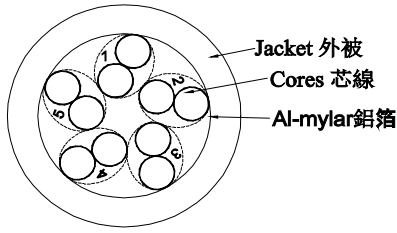


**Cross Section**



**Color**

Cores Insulation :  
 1.Black-Brown 2.Red-Orange 3.Yellow-Green 4.Blue-Purple 5.Gray-White

**Marking**

E148000 AWM STYLE 2464 20AWG 80°C 300V VW-1 ---  
 AWM I/II A/B 80°C 300V FT1 -LF- PCXX

Jacket:  
 According to the customer's requirements.

**Description**

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

**Application**

For internal wiring or external wiring of Class 2 systems equipment and electronic equipment.

**Reference Standard**

UL758, UL1581, CSA C22.2 No210

**Performance**

**Electrical Characteristics:**

Dielectric Strength (kV/min)	2.0
Max. DC Resistance at 20°C (Ω/km)	36.7

**Construction**

5 Pair	<b>Stranded Tinned Copper</b>
AWG	20
Construction	26/0.16
Stranded Dia. (mm)	0.94
<b>Insulation</b>	<b>SR-PVC</b>
Nom. Thickness (mm)	0.23
Insulation Dia. (±0.10mm)	1.45
Twisted	2C
Cabling	5P
Al-mylar (Coverage, %)	100
<b>Jacket</b>	<b>PVC</b>
Nom. Thickness (mm)	0.76
Min. Thickness (mm)	0.61
<b>Outer Dia. (±0.25mm)</b>	<b>8.20</b>

**Mechanical Characteristics:**

<b>Test Object</b>	<b>Jacket</b>
Test Material	PVC
Before Aging Tensile Strength (Mpa)	≥ 10.30
Elongation (%)	≥ 100
Aging Condition (°C)	113±2°C x168hr
After Aging Tensile Strength (Mpa)	≥ 70% of original
Elongation (%)	≥ 65% of original

**LQL-16103**

**Par No. :**  
 Packing: 500M/R Customer Name:

Ref. spec No. : Rev.: 0

**Revision History**

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- Huizhou LTK Electronic Cable Ltd
- LTK Electric Wire (Jintan) Ltd
- LTK Cable (Chongqing) Ltd
- Dalian LTK Electric Wire Ltd

Prepared by: LQL 2016.08.24 Table No.:TFA02 Rev.: 6  
 Approved by: KAKA 2016.08.24 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.