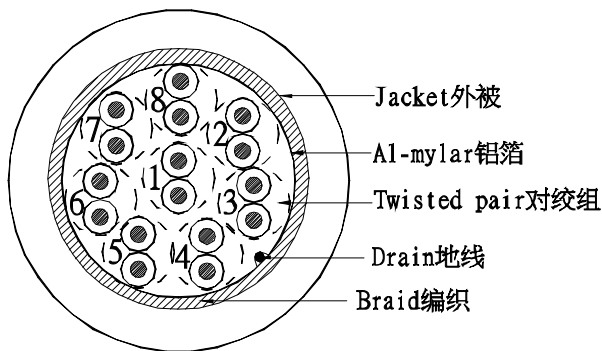


**Cross Section**



**Marking**

E148000 ㄨ AWM STYLE 2464 22AWG 80°C 300V VW-1 ---  
 ㄨ AWM I/II A/B 80°C 300V FT1 -LF- PCXX LTK

**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

**Construction**

Stranded Tinned Copper	
<b>16 cores</b>	<b>8P</b>
AWG	22
Construction (mm)	17/0.16
Stranded Dia. (mm)	0.76
<b>Insulation</b>	<b>SR-PVC</b>
Nom. Thickness (mm)	0.26
Insulation Dia. (±0.05mm)	1.28
Twist	8P
<b>Direction</b>	<b>S</b>
Cabling (mm)	Yes
<b>Direction</b>	<b>S</b>
Al-mylar shield (Overlap,%)	25%
Drain	7/0.254 Tinned Copper
<b>Braid Shield</b>	<b>Tinned Copper</b>
Construction (mm)	24/8/0.12
Coverage (%)	≥ 80
<b>Jacket</b>	<b>PVC</b>
Nom. Thickness (mm)	1.00
Min. Thickness (mm)	0.80
<b>Outer Dia. (±0.25mm)</b>	<b>9.50</b>

**Color**

Cores Insulation :

Pairs No.	Core 1	Core 2
1	Black	Brown
2	Black	Red
3	Black	Orange
4	Black	Yellow
5	Black	Green
6	Black	Blue
7	Black	Violet
8	Black	White

Jacket :

According to the customer's requirements.

**Performance**

**Electrical Characteristics:**

Dielectric Strength (kV/min)	2.0
Max. DC Resistance at 20°C (Ω/km)	59.4

**Mechanical Characteristics:**

Test Object	Insulation	Jacket
Test Material	SR-PVC	PVC
Before Aging Tensile Strength (Mpa)	≥ 20.7	≥ 10.35
Elongation (%)	≥ 100	≥ 100
Aging Condition (°C)	113±2°Cx168hr	
After Aging Tensile Strength (Mpa)	≥ 70% of original	≥ 70% of original
Elongation (%)	≥ 70% of original	≥ 65% of original

BMM140880-2

Par No. :

ASM P/N: SK-B2464-3177

Ref. spec No. :

Rev.: 0

**Revision History**

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

Prepared by: BMM 30-Oct-14 Table No.:TFA04 Rev.: 6  
 Approved by: KAKA 30-Oct-14 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.