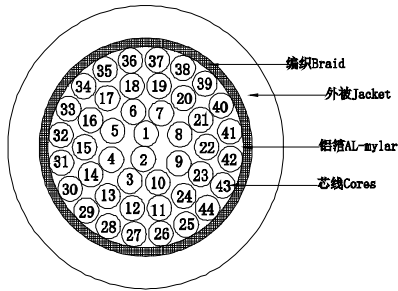


**UL2464 MULTI-CONDUCTOR SHIELDED WIRE**

**Part No.:**

**Cross Section**



**Color**

- Cores Insulation :**  
 1.Black 2.Brown 3.Red 4.Orange 5.Yellow 6.Green 7.Blue  
 8.Purple 9.Gray 10.White 11.Pink 12.Light green 13.Light blue 14.Light gray  
 15.White/Black 16.White/Brown 17.White/Red 18.White/Orange 19.White/Yellow  
 20.White/Green 21.White/Blue 22.White/Purple 23.White/Gray 24.Pink/Black  
 25.Pink/Brown 26.Pink/Orange 27.Pink/Yellow 28.Pink/Green  
 29.Pink/Blue 30.Pink/Purple 31.Pink/Gray 32.Pink/White  
 33.Light green/Black 34.Light green/Brown 35.Light green/Red  
 36.Light green/Orange 37.Light green/Yellow 38.Light green/Blue  
 39.Light green/Purple 40.Light green/Gray 41.Light green/White  
 42.Light blue/Black 43.Light blue/Brown 44.Light blue/Red

**Marking**

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

**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 of Class 2 systems equipment and electronic equipment.

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

**Construction**

Stranded Tinned Copper	
<b>44 cores</b>	
AWG	22
Construction (mm)	7/0.254
Stranded Dia. (mm)	0.76
<b>Insulation</b>	<b>SR-PVC</b>
Nom. Thickness (mm)	0.23
Insulation Dia. (±0.10mm)	1.28
Cabling (mm)	44C
Al-mylar (Coverage, %)	100
<b>Braid Shield</b>	<b>Tinned Copper</b>
<b>Construction (mm)</b>	<b>0.12</b>
<b>Coverage, %</b>	<b>≥80%</b>
<b>Jacket</b>	<b>PVC</b>
Nom. Thickness (mm)	0.76
Min. Thickness (mm)	0.61
<b>Outer Dia. (±0.40mm)</b>	<b>13.00</b>

**Performance**

**Electrical Characteristics:**

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

**Mechanical Characteristics:**

Test Object	Jacket
Test Material	PVC
Before Aging Tensile Strength (Mpa)	≥ 10.30
Elongation (%)	≥ 100
Aging Condition (°C)	113±2°Cx168hr
After Aging Tensile Strength (Mpa)	≥ 70% of original
Elongation (%)	≥ 65% of original

**LQL-16040-1**

**Par No. :**

Length / Roll : 150m/R	Customer Name:
Ref. spec No. :	Rev.: 0

**Revision History**



**LTK INTERNATIONAL LIMITED**

Suite 502, Concordia Plaza, 1 Science Museum Road  
 Tsimshatsui East, Kowloon, Hong Kong  
 Tel : (852) 2382 1133 Fax : (852) 2480 6327  
 Email : sales@ltkable.com URL : www.ltkable.com

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

Prepared by: LQL 2016.04.08 Table No.:TFA0- Form Rev.: 7  
 Approved by: KAKA 2016.04.08 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.