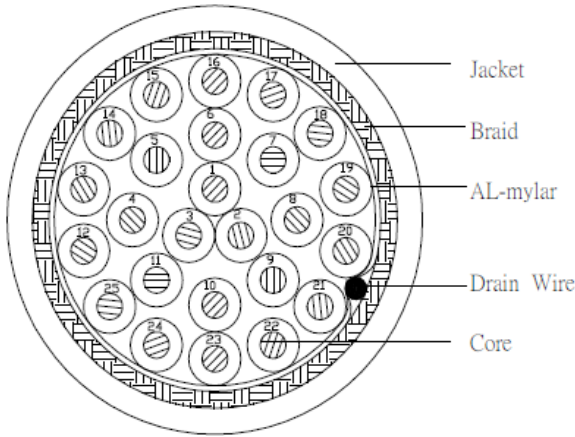


Cross Section



Color

Insulation :  
 Cores  
 1.Black 2.Brown 3.Red 4.Orange 5.Yellow 6.Green 7.Blue 8.Violet 9.Gray  
 10.White 11.Light blue 12.Light green 13.Black/white 14.Brown/White  
 15.Red/White 16.Orange/White 17.Green/White 18.Blue/White 19.Violet/White  
 20.Red/Black 21.Orange/Black 22.Yellow/Black 23.Green/Black 24.Gray/Black  
 25.Violet/Black

Marking

E148000 AWM STYLE 2464 28AWG 80°C 300V VW-1 ---  
 AWM I/II A/B 80°C 300V FT1 -LF- PCXX **LTK**

Performance

**Electrical Characteristics:**  
 Dielectric Strength (kV/min) 2.0  
 Max. DC Resistance at 20°C (Ω/km) 239

Description

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

**Application**  
 For internal wiring or external interconnection of electronic equipment.

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

Construction

<b>25 Cores</b>	<b>Stranded Tinned Copper</b>
AWG	28
Construction (mm)	7/0.127
Stranded Dia. (mm)	0.38
<b>Insulation</b>	<b>SR-PVC</b>
Nom. Thickness (mm)	0.26
Insulation Dia. (±0.06mm)	0.90
Cores assembly(mm)	25C
<b>Direction</b>	<b>S</b>
Al-mylar(overlapping,%)	>=25%
Drain	7/0.16 Tinned Copper
<b>Braid shielding</b>	<b>Tinned Copper</b>
Construction (mm)	24/8/0.12
Density( % )	>=85
<b>Jacket</b>	<b>PVC</b>
Nom. Thickness (mm)	0.76
Min. Thickness (mm)	0.61
Cable Dia. (±0.30mm)	8.00

Mechanical Characteristics:

<b>Test Object</b>	<b>Insulation</b>	<b>Jacket</b>
Test Material	SR-PVC	PVC
Before Tensile Strength(MPa)	≥ 20.7	≥ 10.3
Aging Elongation (%)	≥ 100	≥ 100
Aging Condition (°C)	113±2°C x 168 hrs	
After Tensile Strength(MPa)	≥ 70% of original	≥ 70% of original
Aging Elongation (%)	≥ 70% of original	≥ 65% of original

BMM140877-2

Part No. :  
 ASM P/N : SK-2464-3164  
 L/R: 150M/R  
 Ref. spec No. : Rev: 0

Revision History

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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 (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.