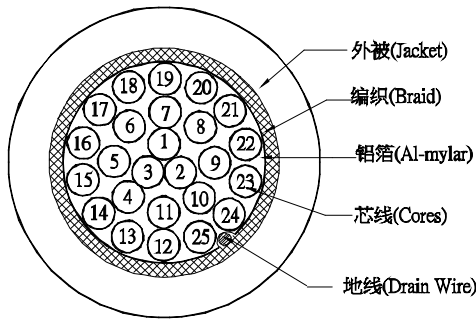


Cross Section



Marking

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

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	22
Construction (mm)	7/0.254
Stranded Dia. (mm)	0.76
<b>Insulation</b>	<b>SR-PVC</b>
Nom. Thickness (mm)	0.26
Insulation Dia. (±0.10mm)	1.30
Cores assembly	25C
Direction	S
Al-mylar(Overlapping,%)	>=25%
Drain	7/0.254 Tinned Copper
<b>Braid shielding</b>	<b>Tinned Copper</b>
Construction (mm)	24/8/0.12
Density( % )	>=75%
<b>Jacket</b>	<b>PVC</b>
Nom. Thickness (mm)	0.76
Min. Thickness (mm)	0.61
Cable Dia. (±0.30mm)	9.90

Color

Insulation :  
Cores

- 1.Black 2.Brown 3.Red 4.Orange 5.Yellow 6.Green 7.Blue 8.Purple 9.Gray
- 10.White 11.Black/White 12.Black/Red 13.Black/Orange 14.Black/Yellow 15.Black/Green
- 16.Black/Blue 17.White/Red 18.White/Orange 19.White/Yellow 20.White/Green
- 21.White/Blue 22.White/Purple 23.White/Black 24.Red/Green 25.Red/Blue

Jacket

according to the customer's requirement

Performance

Electrical Characteristics:

Dielectric Strength (kV/min)	2.0
Max. DC Resistance at 20°C (Ω/km)	59.40

Mechanical Characteristics:

Test Object

Test Material	Insulation	Jacket
Before Tensile Strength(Mpa)	SR-PVC	PVC
Aging 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

BMM140991

Part No. :

ASM P/N : SK-2464-3172

L/R: 150M/R

Ref. spec No. : Rev: 0

Revision History

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

Prepared by: BMM 25-Nov-14 Table No.:TFA04 Rev.: 6

Approved by: KAKA 25-Nov-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.