



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

25 Cores	Stranded Tinned Copper	
	A:12P	B:1C
AWG	22	22
Construction (mm)	7/0.254	7/0.254
Stranded Dia. (mm)	0.76	0.76
Insulation	SR-PVC	SR-PVC
Nom. Thickness (mm)	0.25	0.25
Min. Thickness (mm)	0.21	0.21
Insulation Dia. (±0.10mm)	1.27	1.27
Cores Twist (mm)	2.54	----
Direction	S	----
Cores assembly (mm)	12P+1C	
Direction	S	
Al-mylar (overLapping, %)	≥25%	
Braid Shield	Tinned Copper	
Single Dia. (mm)	24/9/0.16	
Coverage Area(%)	≥90	
Jacket	PVC	
Nom. Thickness (mm)	0.76	
Min. Thickness (mm)	0.61	
Cable Dia. (±0.50mm)	11.20	

Part No.:
 ASM P/N : SK-2464-3163

Ref. spec No. : SK-2464-7042 Rev.: 0

Revision History

Color

Insulation :
Cores A:
 1.Black-Red 2.Black-White 3.Black-Green 4.Black-Blue 5.Black-Yellow
 6.Black-Brown 7.Black-Orange 8.Red-White
 9.Red-Green 10.Red-Blue 11.Red-Yellow
 12.Red-Brown

Cores B:
 13.Green with black ring

Jacket :
 According to the customer's requirements.

Performance

Electrical Characteristics:

Dielectric Strength (kV/min)	2.0
Max. DC Resistance at 20°C (Ω/km)	A/B:59.4
Capacitance(pF/ft) (Nom.)	
Core~Core	86
CoreA~Shield	100.0
CoreB~Shield	100.0

Mechanical Characteristics:

Test Object	Insulation	Jacket
Test Material	SR-PVC	PVC
Before Tensile Strength (Mpa)	≥20.7	≥10.35
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

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- Dalian LTK Electric Wire Ltd

Prepared by: LQL 2015.03.31 Table No.:TFA046 Rev.: 6
 Approved by: KAKA 2015.03.31 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.