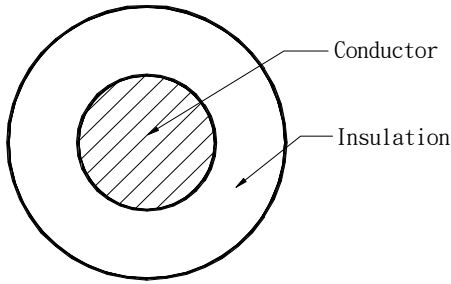


Cross Section



Marking

E148000 AWM STYLE 3266 18AWG 125°C 300V H- - -
 AWM I A 125°C 300V FT2 -LF- PCXX

Description

Rated Voltage (V)	300
Rated Temperature (°C)	125
Product Standard Certification	UL
Flammability Test	H & FT2

Application

Internal wiring of electronic and electrical equipment

Reference Standard

UL758, UL1581 & CSA C22.2 No.210

Construction

1 Core	
Conductor	Stranded Tinned Copper
AWG	18
Construction (mm)	41/0.16
Stranded Dia. (mm)	1.18
Insulation	XL-PE
Min. Thickness (mm)	0.41
Nom. Thickness (mm)	0.49
Insulation Dia. (±0.10mm)	2.18

Color

Available colors from:
 Black / Brown / Red / Orange / Yellow / Green / Blue / Violet
 Gray / White / Light Blue / Light Pink / Light Green / Light Gray

Part No.: -----

Ref. spec no.: SK-3266-604 Rev.: 1

Revision History

Change the description of Mechanical Characteristics

Performance

Electrical Characteristics:

Max DC Resistance at 20°C (Ω/km)	24.4
Min. Insulation Resistance (MΩ.km)	100
Dielectric Strength (kV/min)	2.0

Mechanical Characteristics:

Test Object

Test Material

Before	Tensile Strength (Mpa)	≥ 13.8
Aging	Elongation (%)	≥ 300

Aging Condition

After	Tensile Strength	≥ 80% of original
Aging	Elongation	≥ 80% of original

Deformation (121±2°C X1hr · 250g)

Hot Shock (158±2°C X1hr)

Cold Bending (-20±2°C X4hrs)

Insulation

XL-PE

158±2°C x 168 hrs

≥ 80% of original

≥ 80% of original

≤ 50%

No Crack

No Crack



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

Prepared by: CHENHQ 2007.04.10 Table No.:TFA046 Rev.: 6

Approved by: YANGXH 2007.04.10 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.