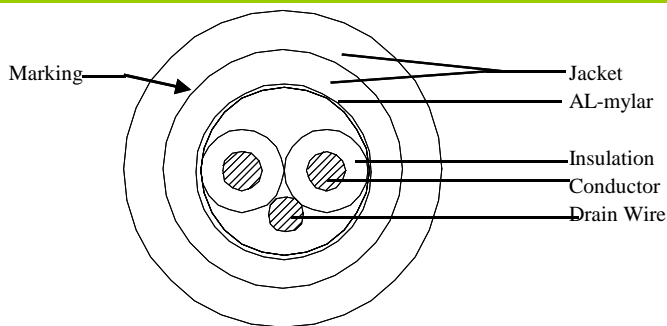


UL 2547 MULTI-CONDUCTOR WIRE

Section



Marking

Inner Jacket:

E148000 AWM STYLE 2547 26AWG 80°C

VW-1 - - - c AWM I/II A/B 80°C 300V FT1 -LF- PCXX

LTK

Description

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

Application

For use in recording studios , sound systems and electronic circuits

Reference Standard

UL758&Customer's Spec.

Construction

Conductor	Stranded Tinned Copper
2Cores	
AWG	26
Construction(mm)	7/0.157
Dia. (mm)	0.48
Insulation	SR-PVC
Min. Thickness (mm)	0.21
Nom. Thickness (mm)	0.26
Insulation Dia. (±0.08mm)	1.00
Drain wire	Tinned Copper
Construction(mm)	7/0.157
Assembly (2C+Drain Wire)	
Direction	S
AL-Mylar wrap(overlapping,%)	>=25
Inner Jacket	PVC
Min. Thickness (mm)	0.38
Nom. Thickness (mm)	0.48
Dia. (±0.15mm)	3.00
Outer Jacket	PVC
Min. Thickness (mm)	0.40
Nom. Thickness (mm)	0.50
Dia. (±0.15mm)	4.00

Color

Insulation colors:
1.red 2.yellow
Inner Jacket colors: white
outer Jacket colors: clear

Part No.

Ref. spec No.: SK-2547-635

Rev. : 3

Revision History

3.Modify the marking

Performance

Electrical Characteristics

Max DC Resistance at 20°C (Ω/Km) 139.8

Mechanical Characteristics

Test Object	Insulation	Jacket
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
Flammability Test	VW-1	



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- Dalian LTK Electric Wire Ltd.
- LTK Industries (Suzhou) Ltd.
- LTK Cable (Chongqing) Ltd.

Prepared By: Brightar 29-Dec-10 No.:TFA046 Form Rev.: 4

Approved By: cici 29-Dec-10 Page 1 of 1