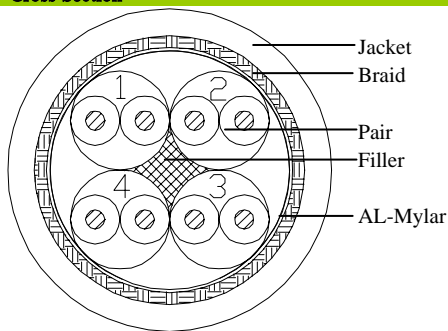


UL 2464 COMPUTER CABLE

Cross Section



Marking

E148000 AWM STYLE 2464 24AWG 80°C 300V VW-1
 -- AWM I/II A/B 80°C 300V FT1 PCXX

Description

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

The Insulation and Jacket is lead free.

Application

For internal wiring and external interconnection of electronic equipment

Reference Standard

UL758, UL1581 & CSA C22.2 No.210.2

Construction

4 Pairs

Conductor	Stranded Tinned Copper
AWG	24
Construction	11/0.16
Stranded Dia. (mm)	0.59(Ref.)
Insulation	SR-PVC
Min. Thickness (mm)	0.18
Nom. Thickness (mm)	0.26
Insulation Dia. (±0.08mm)	1.10
Pair Twist (4P) (Direction)	S
Assembly	4P+Filler
Direction	S
AL-Mylar shield (overlapping)	>=25%
Braid Shield	16/10/0.1mm Tinned Copper
Coverage (%)	80%(Ref.)
Jacket	PVC
Min. Thickness (mm)	0.81
Nom. Thickness (mm)	0.95
Dia. (±0.35mm)	7.0

Color

Cores :
 1.red*red/white 2.black*black/white 3.green*green/white 3.brown*brown/white

Jacket:

Per request

Sample No.:

Ref. spec No. : SK-2464-3334 Rev.:0

Revision History

Performance

Electrical Characteristics:

Max. Conductor DC Resistance at 20°C (Ω/km) 89

Mechanical Characteristics:

Test Object	Insulation	Jacket
Test Material	SR-PVC	PVC
Before Tensile Strength (Mpa)	≥ 10.3	≥ 10.3
Aging Elongation (%)	≥ 100	≥ 100
Aging Condition (°C)	113±1°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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- LTK Electric Wire (Huizhou) Ltd.
- LTK Industries (Suzhou) Ltd.
- Dalian LTK Electric Wire Ltd.
- LTK Cable (Chongqing) Ltd.

Prepared by: LMH 4-Jun-08 Table No.:TFA046 Form Rev.: 4
 Approved by: CICI 4-Jun-08 Page 1 of 1