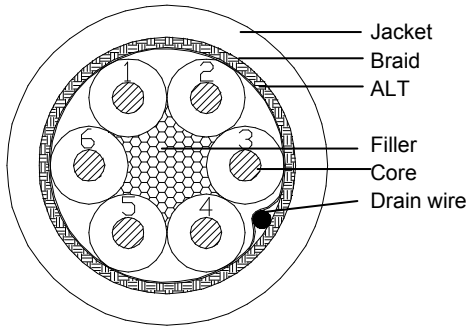


UL 2464 COMPUTER CABLE

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	VW-1

Application

For internal wiring and external interconnection of electronic equipment

Reference Standard

UL758, UL1581 & CSA C22.2 No.210.2

Construction

6 Cores	
Conductor	Stranded Tinned Copper
Size(mm ²)	24
Construction	20/0.12
Stranded Dia. (mm)	0.62
Insulation	SR-PVC
Min. Thickness (mm)	0.21
Nom. Thickness (mm)	0.26
Insulation Dia. (±0.08mm)	1.15
Assembly	6C+Filler
Direction	S
ALT shield (overlapping,%)	>=25
Drain wire(mm,stranded tinned copper)	20/0.12
Braid shield	Tinned Copper
Coverage(%)	80%(Ref.)
Jacket	PVC
Min. Thickness (mm)	0.75
Nom. Thickness (mm)	1.00
Dia. (±0.25mm)	6.00

Insulation:
 1.yellow 2.red 3.green 4.black 5.white 6.blue

Jacket
 Per request

Ref. spec No. : SK-2464-3975 Rev.: 0

Revision History

Performance

Electrical Characteristics:

Max. Conductor DC Resistance at 20°C (Ω/km)	84.8
Dielectric strength (AC kv/1min)	2.0

Mechanical Characteristics:

Test Object	Insulation	Jacket
Test Material	SR-PVC	PVC
Before Tensile Strength (kgf/mm ²)	≥ 2.11	≥ 1.05
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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A BELDEN COMPANY

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

Prepared by: WENDY 11-Mar-11 File No.: TFA046 Form Rev.: 4
 Approved by: CICI 11-Mar-11 Page 1 of 1