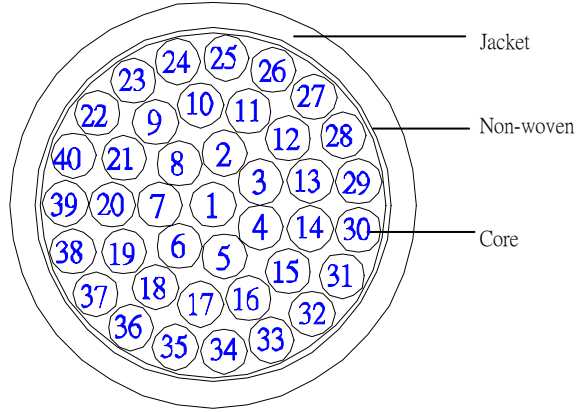


# UL 2464 COMPUTER CABLE

## Cross Section



## Marking

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

## Description

Rated Voltage (V) 300  
 Rated Temperature (°C) 80  
 Product Standard Certification UL  
 Flammability Test VW-1  
 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 & UL444

## Construction

<b>40 Cores</b>	
<b>Conductor</b>	<b>Stranded Tinned Copper</b>
AWG	24
Construction(mm)	7/0.20
Stranded Dia. (mm)	0.60
<b>Insulation</b>	<b>SR-PVC</b>
Min. Thickness (mm)	0.20
Nom. Thickness (mm)	0.25
Insulation Dia. (±0.08mm)	1.15
<b>Assembly</b>	<b>40C</b>
Direction	S
Non woven cloth wrap(overlapping,%)	>=25
<b>Jacket</b>	<b>PVC</b>
Min. Thickness (mm)	0.74
Nom. Thickness (mm)	0.99
Dia. (±0.40mm)	10.40

## Color

Core:

1.black 2.brown3.red4.orange5.yellow6.green7.blue8.violet9.gray10.white  
 11.pink12.light blue13.light green14.light gray15.black/red16.black/green  
 17.black/blue18.black/brown19.black/white20.yellow/black21.yellow/red  
 22.yellow/green23.yellow/blue24.yellow/violet25.white/black26.white/red  
 27.white/green28.white/blue29.white/gray30.white/brown31.pink/black  
 32.pink/brown33.pink/green34.pink/blue35.pink/violet36.light blue/black  
 37.light blue/brown38.light blue/red 39.light blue/green 40.light blue/violet

Jacket:

Per request

## Performance

### Electrical Characteristics:

Max. Conductor DC Resistance at 20°C (Ω/km) 94.2

### 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 X168hrs	
After Tensile Strength (Mpa)	≥ 70% of original	≥ 70% of original
Aging Elongation (%)	≥ 70% of original	≥ 65% of original

## Part No. :

Ref. spec No. : SK-2464-4008 Rev.: 0

## Revision History



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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: SHENLAN 15-Jun-11 Table No.:TFA046 Form Rev.: 4  
 Approved by: CICI 15-Jun-11 Page 1 of 1