



**Color**

**Insulation Color:**

A1	Black
A2	White
A3	Red
A4	Yellow/Green
B1	Yellow
B2	Brown

**Outer Jacket :**  
According to Customer's requirement.

**Marking**

XXXXXXm MM/DD/YY LTK CABLE10 (4G1.5+2X0.34)C 300V E148000
AWM STYLE 2464 80°C 300V VW-1 -LF- PCxx CE RoHS conform

**Performance**

**Electrical Characteristics(20°C):**

Max. Conductor DC Resistance (Ω/km)	A:13.3; B: 59.4
Dielectric Strength (kV/1min, AC)	2.0

**Description**

Rated Temperature (°C)	-20~80°C
Rated Voltage (V)	300V
Flammability	VW-1

The goods conform to the standard of RoHS.

**Reference Standard**  
UL 758 & Customer's requirements

**Construction**

	Bare Copper	Tinned Copper
<b>Cores</b>	<b>A:4C</b>	<b>B:2C</b>
Cross Section (mm <sup>2</sup> )	1.5	0.34
Construction (mm)	84/0.15	65/0.08+fibres
<b>Insulation</b>	<b>PP</b>	<b>PP</b>
Nom. Thickness (mm)	0.35	0.25
Insulation Dia. (±0.15mm)	2.40	1.25
<b>Cabling</b>	<b>6C+Filler(optional)</b>	
Wrapping Tape (Coverage %)	100%	
<b>Braiding shield</b>	<b>Tinned Copper</b>	
Coverage (%)	85%	
<b>Jacket</b>	<b>PVC</b>	
Nom. Thickness (mm)	0.76	
Min. Thickness (mm)	0.61	
<b>Outer Dia. (±0.40mm)</b>	<b>9.00</b>	

**Mechanical Characteristics:**

<b>Test Object</b>	<b>Jacket</b>
Test Material	PVC
Before Tensile Strength (Mpa)	≥ 10.30
Aging Elongation (%)	≥ 100
Aging Condition (°C)	113±2°C x 168h
After Tensile Strength (Mpa)	≥ 70% of original
Aging Elongation (%)	≥ 65% of original
Deformation (121±2°C x 1h)	≤ 50%
Cold Bend (-20±2°C x 4h)	No Crack
Heat Shock (121±2°C x 1h)	No Crack
Oil Resistant	
Abraision Resistant	
Sliding Test (R≥7.5D: Travel ≤2m: Rate: ≤2m/s)	≥ 10 million times

**CHAIN-200239**  
**Part No.:** -----

Customer: WILLTEC  
Rev.: 0

**Revision History**

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**LTK INTERNATIONAL LIMITED**

Suite 502, Concordia Plaza, 1 Science Museum Road  
Tsimshatsui East, Kowloon, Hong Kong

Tel : (852) 2382 1133 Fax : (852) 2480 6327  
Email : sales@ltkable.com URL : www.ltkable.com

- LTK Electric Wire (Huizhou) Ltd
- Huizhou LTK Electronic Cable Ltd
- LTK Electric Wire (Changzhou) Ltd
- LTK Cable (Chongqing) Ltd
- Dalian LTK Electric Wire Ltd

Prepared by: KAKA 2020/6/3 Table No.:TFA046 Rev.:7  
Approved by: EMMA 2020/6/3 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.