



**Color**

<b>Insulation Color:</b>	
1	Black
2	White

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

**Marking**

XXXXXXm MM/DD/YY LTK CABLE10 2X0.5 300/300V 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)	39.0
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**

<b>Conductor</b>	<b>Stranded Bare Copper</b>
<b>Cores</b>	<b>2C</b>
Cross Section (mm <sup>2</sup> )	0.50
Construction (mm)	64/0.10
<b>Insulation</b>	<b>PP</b>
Nom. Thickness (mm)	0.25
Insulation Dia. (±0.10mm)	1.55
<b>Cabling</b>	<b>2C</b>
Wrapping Tape (Coverage % )	100%
<b>Jacket</b>	<b>PVC</b>
Nom. Thickness (mm)	0.76
Min. Thickness (mm)	0.61
<b>Outer Dia. (±0.20mm)</b>	<b>5.00</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 x1h)	≤ 50%
Cold Bend (-20±2°C x4h)	No Crack
Heat Shock (121±2°C x1h)	No Crack

Oil Resistant  
 Abrasion Resistant  
 Sliding Test (R≥7.5D; Travel ≤2m; Rate: ≤2m/s) ≥ 10 million times

**CHAIN-190621-2**  
**Part No.:** -----

Ref. spec No. :SK-CHAIN-1722 Rev.: 0

**Revision History**

**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 2019/11/11 Table No.:TFA046 Rev.:7  
 Approved by: EMMA 2019/11/11 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.