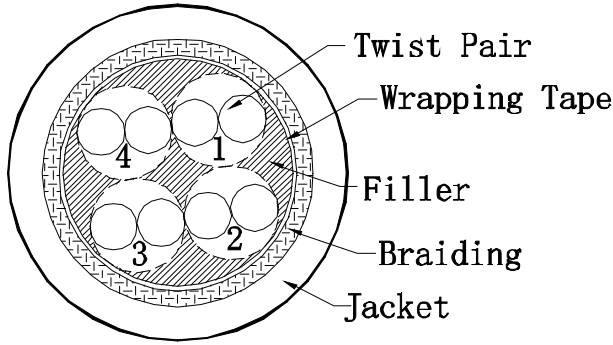


Cross Section



Color

<b>Pair Color:</b>	
1	White-Brown
2	Green-Yellow
3	Gray-Pink
4	Blue - Red

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

Marking

XXXXXXm MM/DD/YY LTK CABLE10 4PX0.2 300/300V 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)	94.2
Dielectric Strength (kV/1min, AC)	2.0

Description

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

**Reference Standard**  
UL 758 & UL1581

Construction

<b>Conductor</b>	<b>Stranded Tinned Copper</b>
<b>Cores</b>	<b>4P</b>
Cross Section (mm <sup>2</sup> )	0.20
Construction (mm)	42/0.08
<b>Insulation</b>	<b>TPE</b>
Nom. Thickness (mm)	0.18
<b>Insulation Dia. (±0.10mm)</b>	<b>1.00</b>
Twisted Pair	2C
<b>Cabling</b>	<b>4P+Filler(Optional)</b>
Wrapping Tape(Coverage,%)	100%
<b>Braided Shielding</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. (±0.30mm)</b>	<b>6.60</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°Cx1h)	≤50%
Cold Bend (-20±2°Cx4h)	No Crack
Heat Shock (121±2°Cx1h)	No Crack
<b>Oil Resistant</b>	
<b>Abraision Resistant</b>	
Sliding Test (R≥7.5D; Travel ≤2m; Rate: ≤2m/s)	≥10 million times

**Environmental Restricted Substance Requirement**

- RoHS2.0
  - REACH
  - CP65
  - Antimony free (Sb<700ppm)
  - HF (Cl<900ppm; Br<900ppm; Cl+Br<1500ppm)
- "" means Compliance

CHAIN-210660-1

Part No.:

Ref. spec No. : SK-CHAIN-1806

Rev.: 1

**Revision History**

Change the Insulation Diameter and Out Diameter



**LTK INTERNATIONAL LIMITED**

Tel: (852) 2385 1866 Web: www.ltkcable.com  
Fax: (852) 2572 3832 WeChat: LTK\_Cable

- LTK Electric Wire (Huizhou) Ltd
- Huizhou LTK Electronic Cable Ltd
- LTK Electric Wire (Changzhou) Ltd
- LTK Cable (Vietnam) Ltd

Prepared by: KAKA 2021/11/23 Table No.:TFA046 Rev.:9  
Approved by: EMMA 2021/11/23 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.