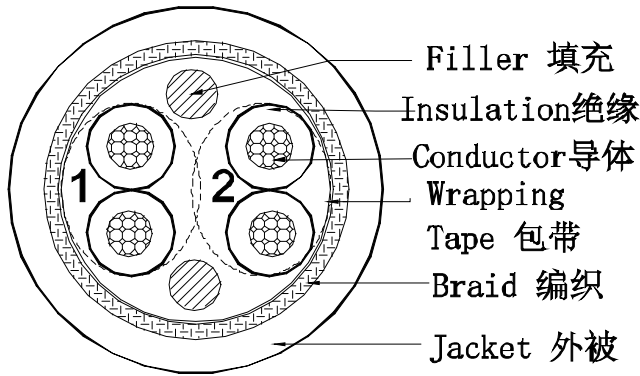


**Cross Section**



**Color**

- Pair Color:**  
 1 White-Brown  
 2 Green-Yellow

**Marking**

XXXXXXm MM/DD/YY LTK CABLE10 2PX0.2 300/300V 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 & Customer's requirements

**Construction**

<b>Conductor</b>	<b>Stranded Tinned Copper</b>
<b>Cores</b>	<b>2P</b>
<b>Cross Section (mm<sup>2</sup>)</b>	0.20
<b>Construction (mm)</b>	42/0.08
<b>Insulation</b>	<b>TPE</b>
Nom. Thickness (mm)	0.15
<b>Insulation Dia. (±0.10mm)</b>	<b>0.90</b>
Twisted Pair	2C
<b>Cabling</b>	<b>2P+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>5.30</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  
 Abrasion Resistant  
 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-180705-1

Part No.: -----

Customer: WILLTEC

Ref. spec No. :

Rev.: 0

**Revision History**



**LTK INTERNATIONAL LIMITED**

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

Prepared by: KAKA 2021/7/21 Table No.:TFA046 Rev.:9  
 Approved by: EMMA 2021/7/21 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.