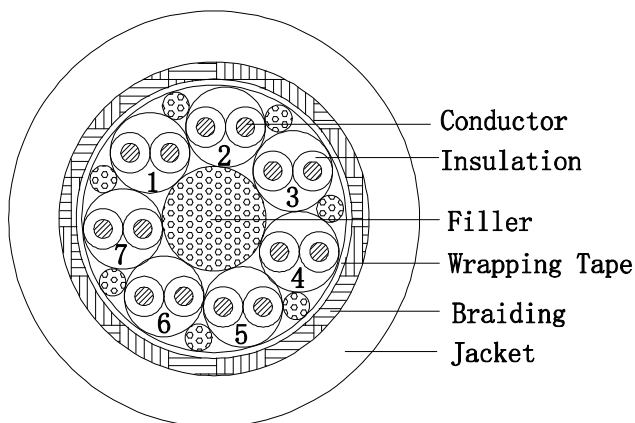


**Cross Section**



**Color**

- Pair Color:**
- 1 White - Brown
  - 2 Green - Yellow
  - 3 Gray - Pink
  - 4 Blue - Red
  - 5 Black - Violet
  - 6 Gray/Pink - Red/Blue
  - 7 White/Green - Brown/Green

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

**Marking**

XXXXXXm MM/DD/YY LTK CABLE10 7PX0.2 300/300V E148000   
AWM STYLE 2464 80°C 300V VW-1 -LF- PCxx CE RoHS conform

**Performance**

<b>Electrical Characteristics(20°C):</b>	
Max. Conductor DC Resistance (Ω/km)	94.2
Dielectric Strength (kV/1min, AC)	2.0

**Description**

Operated 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 Tinned Copper</b>
<b>Cores</b>	<b>7P</b>
Cross Section (mm <sup>2</sup> )	0.20
Construction (mm)	41/0.08+Tinsel
<b>Insulation</b>	<b>PP</b>
Nom. Thickness (mm)	0.20
Insulation Dia. (±0.10mm)	1.15
Twisted Pair	2C
Filler	Yes
<b>Cabling</b>	<b>7P+Filler</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>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 x1h)	≤ 50%
Cold Bend (-20±2°C x4h)	No Crack
Heat Shock (121±2°C x1h)	No Crack
<b>Oil Resistant</b>	
<b>Abraision Resistant</b>	
Sliding Test (R≥7.5D; Travel ≤2m; Rate: ≤2m/s)	≥ 10 million times

CHAIN-190725

Part No.: D10PVB140020

Customer:

Ref. spec No. :

Rev.: 0

**Revision History**



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- Dalian LTK Electric Wire Ltd

Prepared by: KAKA 2019/12/2 Table No.:TFA046 Rev.:7  
Approved by: EMMA 2019/12/2 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.