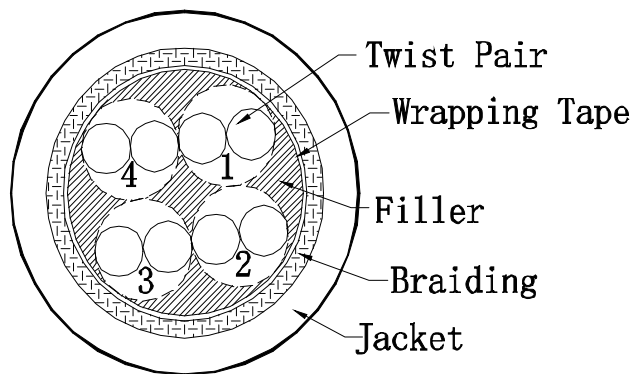


Cross Section



Color

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

Marking

LTK CABLE10 (4PX0.2)C 300V E148000 AWM STYLE 20549 80°C 300V  
 -LF- PCxx CE RoHS conform MM/DD/YYYY XXXXXm AMA ROBOFLEX

Performance

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

Description

Rated Temperature (°C)	-40~80°C
Rated Voltage (V)	300V
Flammability	IEC 60332-1

Reference Standard

UL 758 & Customer's requirements

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)	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>4P+Filler</b>
Wrapping Tape(Coverage,%)	100%
<b>Braided Shielding</b>	<b>Tinned Copper</b>
Coverage, %	≥ 85%
Wrapping Tape(Coverage,%)	100%
<b>Jacket</b>	<b>TPU</b>
Nom. Thickness (mm)	0.76
Min. Thickness (mm)	0.61
<b>Outer Dia. (±0.30mm)</b>	<b>7.20</b>

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

Mechanical Characteristics:

Test Object		Jacket
Test Material		TPU
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 (-40±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
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Environmental Restricted Substance Requirement

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

CHAIN-210608

Part No.: ----

Customer: Acetechinics

Ref. spec No. : ----

Rev.: 0

Revision History



**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 2021/9/14 Table No.:TFA046 Rev.:9  
 Approved by: EMMA 2021/9/14 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.