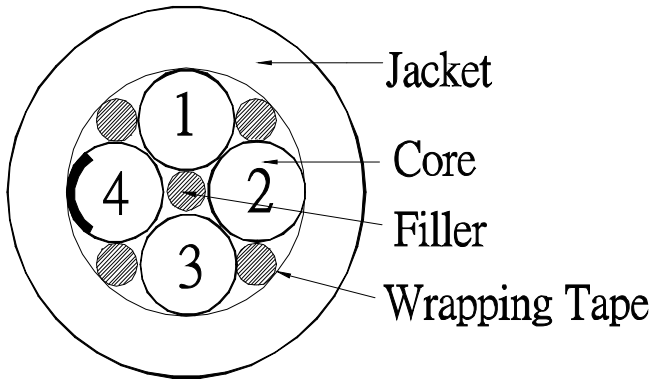


Cross Section



Color

Insulation Color:	
1	Black
2	White
3	Red
4	Yellow/Green

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

Marking

XXXXXXm MM/DD/YYYY LTK CABLE10 4G1.5 300/500V E148000   
AWM STYLE 20549 80°C 300V VW-1 -LF- PCxx CE RoHS conform

Performance

Electrical Characteristics(20°C):	
Max. Conductor DC Resistance (Ω/km)	13.3
Dielectric Strength (kV/1min, AC)	2.0

Description

Rated Temperature (°C)	-40~80°C
Rated Voltage (V)	300/500V
Flammability	VW-1

Reference Standard

UL 758 & Customer's requirements

Construction

<b>Conductor</b>	<b>Stranded Bare Copper</b>
<b>Cores</b>	<b>4C</b>
Cross Section (mm <sup>2</sup> )	1.5
Construction (mm)	84/0.15
<b>Insulation</b>	<b>PP</b>
Nom. Thickness (mm)	0.36
Insulation Dia. (±0.15mm)	2.40
<b>Cabling</b>	<b>4C+Filler(optional)</b>
Wrapping Tape (Coverage % )	100%
<b>Jacket</b>	<b>TPU</b>
Nom. Thickness (mm)	0.76
Min. Thickness (mm)	0.61
<b>Outer Dia. (±0.40mm)</b>	<b>8.20</b>

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 x1h)		≤ 50%
Cold Bend (-40±2°C x4h)		No Crack
Heat Shock (121±2°C x1h)		No Crack

Oil Resistant	
Abraision 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)
- SONY SS-00259
- \* means Compliance

CHAIN-210581

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 2021/9/2 Table No.:TFA046 Rev.:9  
Approved by: EMMA 2021/9/2 Page 1 of 1

\* Usage instruction: (The followings are general instructions , if there are special requirements, please follow the specific specifications)  
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.