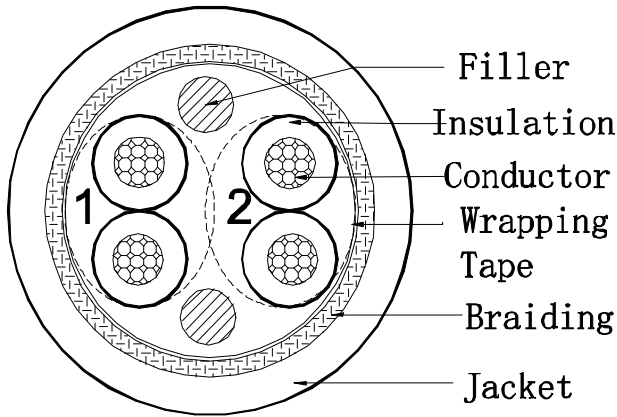


Cross Section



Color

Pair Color:

1	White-Brown
2	Green-Yellow

Outer Jacket :
According to Customer's requirement.

Marking

XXXXXXm MM/DD/YY LTK CABLE10 2PX0.2 300/300V E148000
AWM STYLE 20549 80°C 300V -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)	-40~80°C
Rated Voltage (V)	300V
Flammability	IEC 60332-1

The goods conform to the standard of RoHS.

Reference Standard
UL 758 & Customer's requirements

Construction

Conductor	Stranded Tinned Copper
Cores	2P
Cross Section (mm ²)	0.20
Construction (mm)	41/0.08+Tinsel
Insulation	PP
Nom. Thickness (mm)	0.20
Insulation Dia. (±0.10mm)	1.15
Twisted Pair	2C
Filler	Yes
Cabling	2P+Filler
Wrapping Tape(Coverage,%)	100%
Braided Shielding	Tinned Copper
Coverage, %	≥ 85%
Jacket	TPU
Nom. Thickness (mm)	0.76
Min. Thickness (mm)	0.61
Outer Dia. (±0.30mm)	6.20

Mechanical Characteristics:

Test Object	Jacket
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 (-40±2°Cx4h)	No Crack
Heat Shock (121±2°Cx1h)	No Crack

Oil Resistant	
Abraision Resistant	
Sliding Test (R≥7.5D; Travel ≤2m; Rate: ≤2m/s)	≥ 10 million times

CHAIN-200019

Part No.: -----

Customer:

Ref. spec No. : -----

Rev.: 0

Revision History



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- Huizhou LTK Electronic Cable Ltd
- LTK Electric Wire (Changzhou) Ltd
- LTK Cable (Chongqing) Ltd
- Dalian LTK Electric Wire Ltd

Prepared by: KAKA 2020/2/10 Table No.:TFA046 Rev.:7
Approved by: EMMA 2020/2/10 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.