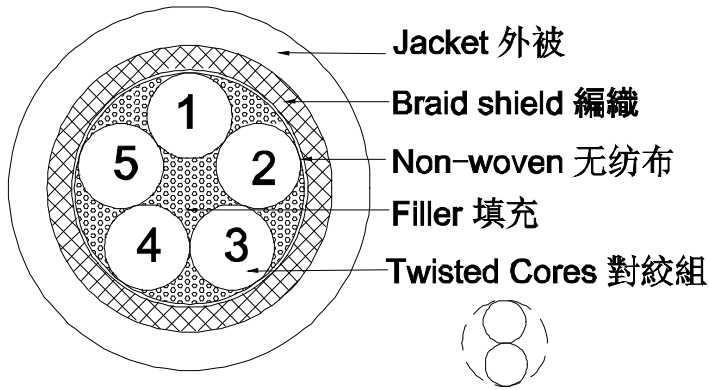


Cross Section



Marking

XXXXXXm MM/DD/YY LTK CABLE10 5PX0.2 300/300V E148000
 AWM STYLE 2464 80°C 300V VW-1 -LF- PCxx CE RoHS conform

Description

Rated 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

Conductor	Stranded Tinned Copper
Cores	5P
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	5P+Filler
Wrapping Tape(Coverage,%)	100%
Braided Shielding	Tinned Copper
Coverage, %	≥85%
Jacket	PVC
Nom. Thickness (mm)	0.76
Min. Thickness (mm)	0.61
Outer Dia. (±0.30mm)	7.60

CHAIN-170375

Part No.: -----

Spec No.: SK-CHAIN-1727

Rev.: 0

Revision History

Color

Insulation

Pairs:

- 1 White - Brown
- 2 Green - Yellow
- 3 Gray - Pink
- 4 Blue - Red
- 5 Black - Violet

Jacket

According to the customer's requirements

Performance

Electrical Characteristics(20°C):

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

Mechanical Characteristics:

Test Object

Test Material	Jacket
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

Abraision Resistant

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



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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 2019/11/11 Table No.:TFA046 Form Rev.: 7
 Approved by: EMMA 2019/11/11 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.