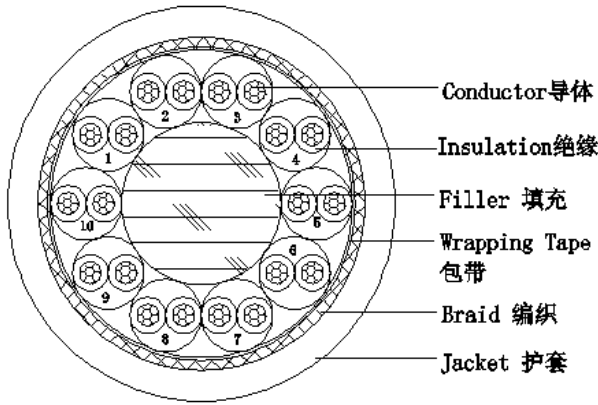


Cross Section



Color

Insulation

Pairs:

- 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
- 8 White/Yellow - Yellow/Brown
- 9 White/Gray - Gray/Brown
- 10 White/Pink - Pink/Brown

Jacket

According to the customer's requirements

Marking

XXXXXXm MM/DD/YY LTK CABLE10 10PX0.2 300/300V E14800
AWM STYLE 2464 80°C 300V VW-1 -LF- PCxx CE RoHS conform

Performance

Electrical Characteristics(20°C):

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

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	10P
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	10P+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. (±0.40mm)	11.00

Mechanical Characteristics:

Test Object

Test Material	Jacket	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 (-20±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-190719

Part No.: D10PVB200020

Spec No.:

Rev.:

Revision History



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

Prepared by:	KAKA	2019/11/26	Table No.:TFA046	Form Rev.: 7
Approved by:	EMMA	2019/11/26		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.