



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

Outer Jacket :
According to Customer's requirement.

Marking	
XXXXXXm MM/DD/YY LTK CABLE10 3PX0.2 300/300V E148000	
AWM STYLE 2464 80°C 300V VW-1 -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)	-20~80°C
Rated Voltage (V)	300V
Flammability	VW-1

Mechanical Characteristics:		Jacket
Test Object		PVC
Test Material		≧ 10.30
Before Tensile Strength (Mpa)		≧ 100
Aging Elongation (%)		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		
Abrasion Resistant		
Sliding Test (R≧7.5D; Travel ≦2m; Rate: ≦2m/s)		≧ 10 million times

Reference Standard
UL 758 & Customer's requirements

Construction	
Conductor	Stranded Tinned Copper
Cores	3P
Cross Section (mm ²)	0.20
Construction (mm)	42/0.08
Insulation	TPE
Nom. Thickness (mm)	0.18
Insulation Dia. (±0.10mm)	1.00
Twisted Pair	2C
Cabling	3P+Filler(Optional)
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)	5.80

Environmental Restricted Substance Requirement
<input checked="" type="checkbox"/> RoHS2.0
<input checked="" type="checkbox"/> REACH
<input type="checkbox"/> CP65
<input type="checkbox"/> Antimony free (Sb<700ppm)
<input type="checkbox"/> HF (Cl<900ppm; Br<900ppm; Ch+Br<1500ppm)
<input checked="" type="checkbox"/> means Compliance

CHAIN-210513-1
Part No.: ----

LTK INTERNATIONAL LIMITED

Tel: (852) 2385 1866 Web: www.ltkcable.com

Fax: (852) 2572 3832 WeChat: LTK_Cable

Customer: WILLTEC
Ref. spec No. : SK-CHAIN-1801 Rev.: 1

- LTK Electric Wire (Huizhou) Ltd
- Huizhou LTK Electronic Cable Ltd
- LTK Electric Wire (Changzhou) Ltd
- LTK Cable (Vietnam) Ltd

Revision History	
Change the Insulation Diameter and Outer Diameter	

Prepared by: KAKA 2021/11/23 Table No.:TFA046 Rev.:9
Approved by: EMMA 2021/11/23 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.