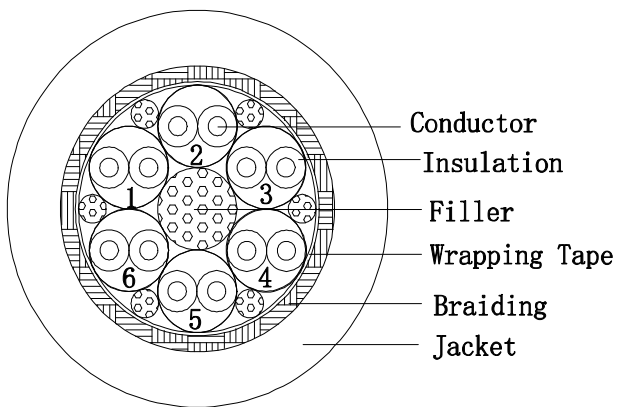


Cross Section



Color

- Pair Color:**
- 1 White - Brown
 - 2 Green - Yellow
 - 3 Gray - Pink
 - 4 Blue - Red
 - 5 Black - Violet
 - 6 Gray/Pink - Red/Blue

Outer Jacket :
According to Customer's requirement.

Marking

XXXXXXm MM/DD/YY LTK CABLE10 6PX0.2 300/300V 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

Operated Temperature (°C) -20~80°C
Rated Voltage (V) 300V
Flammability VW-1

Reference Standard
UL 758 & Customer's requirements

Construction

Conductor	Stranded Tinned Copper
Cores	6P
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
Cabling	6P+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)	8.40

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°C x1h)	≤ 50%
Cold Bend (-20±2°C x4h)	No Crack
Heat Shock (121±2°C x1h)	No Crack
Oil Resistant	
Abrasion 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)

means Compliance



LTK INTERNATIONAL LIMITED

Suite 502, Concordia Plaza, 1 Science Museum Road
Tsimshatsui East, Kowloon, Hong Kong
Tel : (852) 2382 1133 Fax : (852) 2480 6327
Email : sales@ltkable.com URL : www.ltkable.com

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

CHAIN-210312

Part No.: ----

Customer: WILLTEC

Ref. spec No. :

Rev.: 0

Revision History

Prepared by: KAKA 2021/4/21 Table No.:TFA046 Rev.:8
Approved by: EMMA 2021/4/21 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.