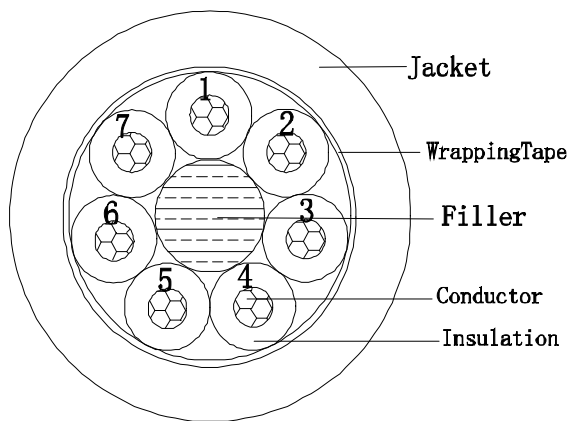


Cross Section



Color

- Insulation Color:**
- 1 White
 - 2 Brown
 - 3 Green
 - 4 4.Yellow
 - 5 Gray
 - 6 Pink
 - 7 Blue

Outer Jacket :
According to Customer's requirement.

Marking

XXXXXXm MM/DD/YY LTK CABLE10 7X0.25 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) 82.0
Dielectric Strength (kV/1min, AC) 2.0

Description

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

Reference Standard

UL 758, UL1581 & Customer's requirements

Construction

Conductor	Stranded Tinned Copper
Cores	7C
Cross Section (mm ²)	0.25
Construction (mm)	50/0.08+500D
Insulation	PP
Nom. Thickness (mm)	0.20
Insulation Dia. (±0.10mm)	1.15
Cabling	7C+Filler(optional)
Wrapping Tape (Coverage %)	100%
Jacket	PVC
Nom. Thickness (mm)	0.76
Min. Thickness (mm)	0.61
Outer Dia. (±0.30mm)	6.00

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	
Abraision Resistant	
Sliding Test (R≥10D; Travel ≤2m; Rate: ≤2m/s)	10 millions

Environmental Restricted Substance Requirement

- RoHS2.0
- REACH
- CP65
- Antimony free (Sb<700ppm)
- HF (Cl<900ppm; Br<900ppm. Cl+Br<1500ppm)

means Compliance



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

CHAIN-210271

Part No.: ----

Customer WILLTEC

Ref. spec No. :

Rev.: 0

Revision History

Prepared by: KAKA 2021/3/30 Table No.:TFA046 Rev.:8
Approved by: EMMA 2021/3/30 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.