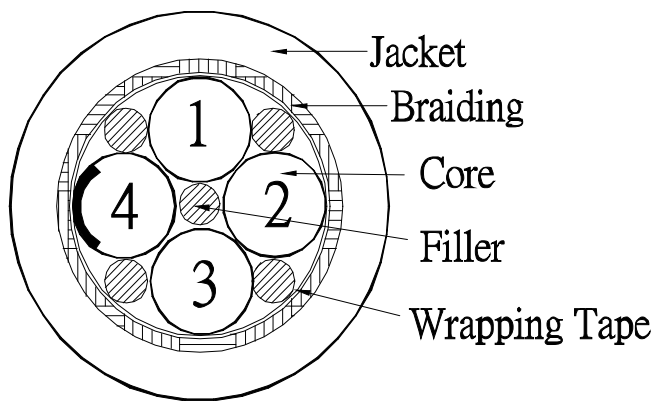


Cross Section



Color

Insulation Color:

1	Black
2	White
3	Red
4	Yellow/Green

Outer Jacket :
According to Customer's requirement.

Marking

XXXXXXm MM/DD/YY LTK CABLE10 (4G1.5)C 450/750V E148000
AWM STYLE 2570 80°C 1000V VW-1 -LF- PCxx CE RoHS conform

Performance

Electrical Characteristics(20°C):

Max. Conductor DC Resistance (Ω/km)	13.3
Dielectric Strength (kV/1min, AC)	3.0

Description

Rated Temperature (°C)	-20~80°C
Rated Voltage (V)	1000V
Flammability	VW-1

Reference Standard
UL 758, UL1581 & Customer's requirements

Construction

Conductor	Stranded Bare Copper
Cores	4C
Cross Section (mm ²)	1.50
Construction (mm)	84/0.15
Insulation	PP
Nom. Thickness (mm)	0.36
Insulation Dia. (±0.15mm)	2.40
Cabling	4C+Filler(optional)
Wrapping Tape (Coverage %)	100%
Braided Shielding	Tinned Copper
Coverage (nom. %)	85%
Jacket	PVC
Nom. Thickness (mm)	0.76
Min. Thickness (mm)	0.61
Outer Dia. (±0.40mm)	8.60

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≥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



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

Prepared by: KAKA 2021/8/19 Table No.:TFA046 Rev.:9
Approved by: EMMA 2021/8/19 Page 1 of 1

CHAIN-210562

Part No.: ----

Customer WILLTEC

Ref. spec No. : Rev.: 0

Revision History

* 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.