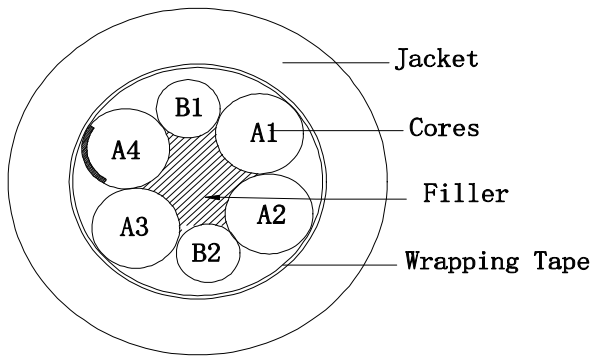


Cross Section



Color

Insulation Color:

- A1 Black
- A2 White
- A3 Red
- A4 Yellow/Green
- B1 Yellow
- B2 Brown

Outer Jacket :

According to Customer's requirement.

Marking

XXXXXXm MM/DD/YY LTK CABLE10 4G0.5+2X0.2 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)	A:39.0; B: 94.2
Dielectric Strength (kV/1min, AC)	2.0
Max. Allowable Current (A)	A: 4.5 A B: 2.0 A

Description

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

Reference Standard

UL 758 & Customer's requirements

Construction

Conductor	Bare Copper	Tinned Copper
	Cores	A:4C
Cross Section (mm ²)	0.5	0.2
Construction (mm)	64/0.10	41/0.08+Tinsel
Insulation	PP	PP
Nom. Thickness (mm)	0.30	0.20
Insulation Dia. (±0.10mm)	1.55	1.15
Cabling	6C+Filler(optional)	
Wrapping Tape (Coverage %)	100%	
Jacket	PVC	
Nom. Thickness (mm)	0.76	
Min. Thickness (mm)	0.61	
Outer Dia. (±0.30mm)	6.30	

Mechanical Characteristics:

Test Object

Test Material	Jacket
Before Tensile Strength (Mpa)	PVC
Aging Elongation (%)	≧ 10.30
Aging Condition (°C)	≧ 100
After Tensile Strength (Mpa)	113±2°C x 168h
Aging Elongation (%)	≧ 70% of original
Deformation (121±2°Cx1h)	≧ 65% of original
Cold Bend (-20±2°Cx4h)	≧ 50%
Heat Shock (121±2°Cx1h)	No Crack
	No Crack

Oil Resistant

Abrasion Resistant

Sliding Test (R≧7.5D: 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)
- SONY SS-00259
- “” means Compliance

CHAIN-210690

Part No.: ----

Customer WILLTEC

Ref. spec No. : Rev.: 0

Revision History



LTK INTERNATIONAL LIMITED

Tel: (852) 2385 1866 Web: www.ltkcable.com
 Fax: (852) 2572 3832 WeChat: LTK_Cable

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

Prepared by: KAKA 2021/11/26 Table No.:TFA046 Rev.:9
 Approved by: EMMA 2021/11/26 Page 1 of 1

* Usage instruction: (The followings are general instructions , if there are special requirements, please follow the specific specifications)
 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.