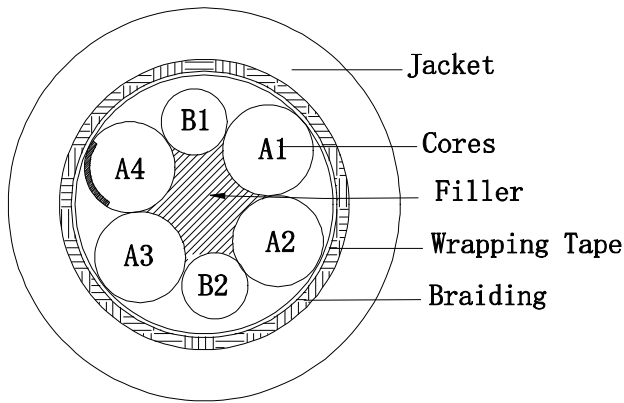


Cross Section



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 (4G0.75+2X0.2)C 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:26.0; B: 94.2
 Dielectric Strength (kV/1min, AC) 2.0

Description

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

The goods conform to the standard of RoHS.

Reference Standard

UL 758 & Customer's requirements

Construction

Conductor Cores	Bare Copper	Tinned Copper
	A:4C	B:2C
Cross Section (mm ²)	0.75	0.20
Construction (mm)	96/0.10	41/0.08+Tinsel
Insulation	PP	PP
Nom. Thickness (mm)	0.30	0.20
Insulation Dia. (±0.15mm)	1.75	1.15
Cabling	6C+Filler(optional)	
Wrapping Tape (Coverage %)	100%	
Braiding shield	Tinned Copper	
Coverage (%)	85%	
Jacket	PVC	
Nom. Thickness (mm)	0.76	
Min Thickness (mm)	0.61	
Outer Dia. (±0.30mm)	7.40	

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°C x1h)	≥ 65% of original
Cold Bend (-20±2°C x4h)	≤ 50%
Heat Shock (121±2°C x1h)	No Crack
	No Crack

Oil Resistant
 Abrasion Resistant
 Sliding Test (R≥7.5D; Travel ≤2m; Rate: ≤2m/s) ≥ 10 million times

CHAIN-200120

Part No.: -----

Customer WILLTEC

Ref. spec No. : Rev.: 0

Revision History



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

Prepared by: KAKA 2020/4/22 Table No.:TFA046 Rev.:7
 Approved by: EMMA 2020/4/22 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.