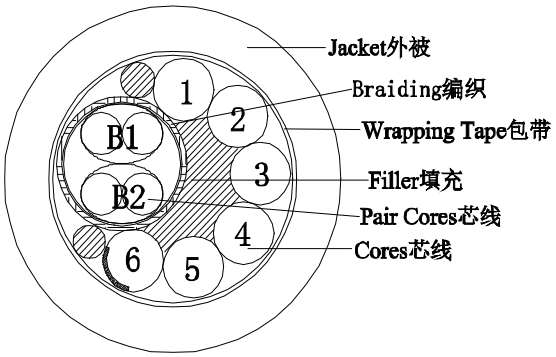
LTK CHAIN CABLE

Part No.: -----

Cross Section



Color

Insulation Color:

Core A:

1 Black
2 Gray
3 Red
4 Orange
5 Blue
6 Yellow/Green

Pairs B:

B1 White - Brown
B2 Green - Yellow

Outer Jacket :

According to Customer's requirement.

Marking

XXXXXXm MM/DD/YY LTK CABLE10 6G0.5+(2PX0.2)C 300/300V E148000
AWM STYLE 2464 80℃ 300V VW-1 -LF- PCxx CE RoHS conform

Performance

Electrical Characteristics(20℃):

Max. Conductor DC Resistance (Ω/km)	A:39.0;B:94.2
Dielectric Strength (kV/1min, AC)	2.0

Description

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

Reference Standard

UL 758 & Customer's requirements

Mechanical Characteristics:

Test Object		**Jacket**
Test Material		PVC
Before Aging	Tensile Strength (Mpa)	≧10.30
	Elongation (%)	≧100
Aging Condition (°C)		113±2°C x 168h
After Aging	Tensile Strength (Mpa)	≧70% of original
	Elongation (%)	≧65% of original
Deformation (121±2℃x1h)		≦50%
Cold Bend (-20±2℃x4h)		No Crack
Heat Shock (121±2℃x1h)		No Crack

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

Construction

Conductor	**Stranded Tinned Copper**	**Bare Copper**
Cores	**B:2P**	**A:6C**
Cross Section (mm²)	0.20	0.50
Construction (mm)	41/0.08+Tinsel	64/0.10
Insulation	**PP**	**PP**
Nom. Thickness (mm)	0.20	0.25
Insulation Dia. (±0.10mm)	1.15	1.55
Twisted	2C	-----
Cabling	2P	-----
Wrapping Tape (Coverage %)	100%	-----
Braiding	**Tinned Copper**	-----
Coverage (nom. %)	85%	-----
Wrapping Tape (Coverage %)	100%	-----
Cabling	**2P+6C+Filler(optional)**	
Wrapping Tape (Coverage %)	100%	
Jacket	**PVC**	
Nom. Thickness (mm)	0.76	
Min. Thickness (mm)	0.61	
Outer Dia. (±0.30mm)	**9.00**	

Environmental Restricted Substance Requirement

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

"■"means Compliance

CHAIN-200750

Part No.: -----

Customer

Ref. spec No. : Rev.: 0

Revision History

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• Dalian LTK Electric Wire Ltd

Prepared by:	KAKA	2020/12/21	Table No.:TFA046	Rev.:8
Approved by:	EMMA	2020/12/21		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.