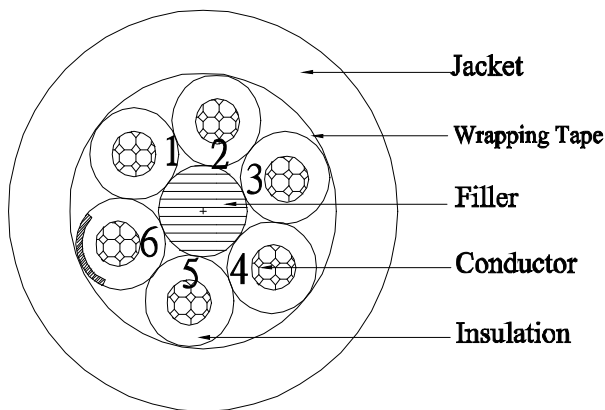


Cross Section



Color

Insulation Color:

1	Black
2	White
3	Red
4	Brown
5	Blue
6	Yellow/Green

Outer Jacket :
According to Customer's requirement.

Marking

XXXXXXm MM/DD/YY LTK CABLE10 6G0.5 300/300V 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)	39.0
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	Stranded Bare Copper
Cores	6C
Cross Section (mm ²)	0.50
Construction (mm)	64/0.10
Insulation	PP
Nom. Thickness (mm)	0.25
Insulation Dia. (±0.10mm)	1.55
Cabling	6C+Filler(optional)
Wrapping Tape (Coverage %)	100%
Jacket	PVC
Nom. Thickness (mm)	0.76
Min. Thickness (mm)	0.61
Outer Dia. (±0.30mm)	6.80

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

CHAIN-190695

Part No.: ----

Customer

Ref. spec No. :SK-CHIAN-1747

Rev.: 0

Revision History



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- Dalian LTK Electric Wire Ltd

Prepared by: KAKA 2020/5/26 Table No.:TFA046 Rev.:7
Approved by: EMMA 2020/5/26 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.