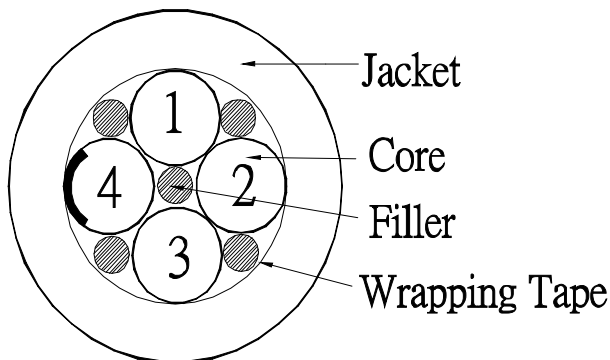


Cross Section



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 4G2.5 300/500V 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) 7.89
Dielectric Strength (kV/1min, AC) 3.0

Description

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

The goods conform to the standard of RoHS.

Reference Standard

UL 758 & Customer's requirements

Construction

Conductor	Stranded Bare Copper
Cores	4C
Cross Section (mm ²)	2.50
Construction (mm)	140/0.15
Insulation	PP
Nom. Thickness (mm)	0.40
Insulation Dia. (±0.15mm)	3.00
Cabling	4C+Filler(optional)
Wrapping Tape (Coverage %)	100%
Jacket	PVC
Nom. Thickness (mm)	0.76
Min. Thickness (mm)	0.61
Outer Dia. (±0.40mm)	9.80

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 x 1h)	≤ 50%
Cold Bend (-20±2°C x 4h)	No Crack
Heat Shock (121±2°C x 1h)	No Crack

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

CHAIN-200177

Part No.: ----

Ref. spec No. :SK-CHAIN-1745 Rev.: 0

Revision History



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- Dalian LTK Electric Wire Ltd

Prepared by: KAKA 2020/5/22 Table No.:TFA046 Rev.:7
Approved by: EMMA 2020/5/22 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.