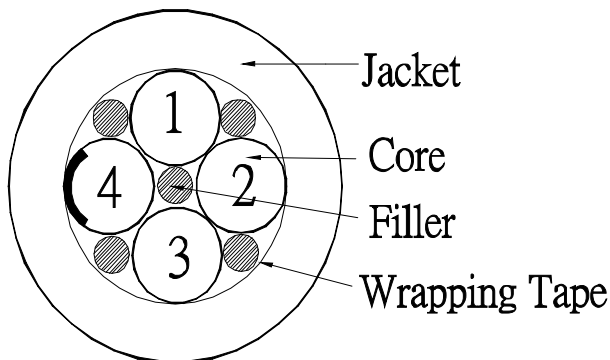


Cross Section



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 4G4.0 300/500V 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) 4.95
 Dielectric Strength (kV/1min, AC) 3.0

Description

Rated Temperature (°C) -20~80°C
 Rated Voltage (V) 300/500V
 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)	4.00
Construction (mm)	133/0.20
Insulation	XLPE
Nom. Thickness (mm)	0.50
Insulation Dia. (±0.20mm)	3.80
Cabling	4C+Filler(optional)
Wrapping Tape (Coverage %)	100%
Jacket	PVC
Nom. Thickness (mm)	1.00
Min. Thickness (mm)	0.80
Outer Dia. (±0.50mm)	12.00

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≥10D; Travel ≤2m; Rate: ≤2m/s) ≥10 million times

Environmental Restricted Substance Requirement

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

“” means Compliance

CHAIN-200213

Part No.: ----

Customer

Ref. spec No. :SK-CHAIN-1761

Rev.: 0

Revision History



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- Dalian LTK Electric Wire Ltd

Prepared by: KAKA 2020/5/26 Table No.:TFA046 Rev.:8
 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.