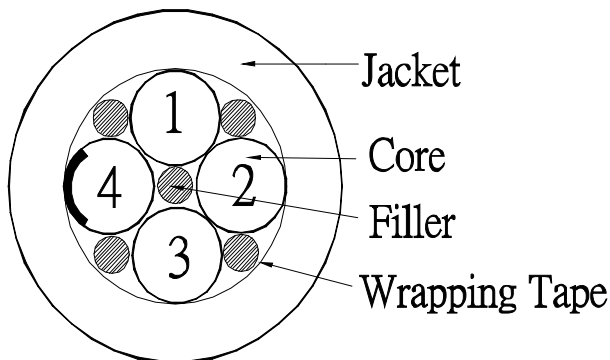


Cross Section



Color

- Insulation Color:**
- 1 Black
 - 2 White
 - 3 Red
 - 4 Yellow/Green

Marking

XXXXXXm MM/DD/YY LTK CABLE10 4G6.0 300/500V 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) 3.30
 Dielectric Strength (kV/1min, AC) 3.0

Description

Rated Temperature (°C) -20~80°C
 Rated Voltage (V) 300/500V
 Flammability VW-1

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

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)	6.00
Construction (mm)	199/0.20
Insulation	XLPE
Nom. Thickness (mm)	0.50
Insulation Dia. (±0.20mm)	4.60
Cabling	4C+Filler(optional)
Wrapping Tape (Coverage %)	100%
Jacket	PVC
Nom. Thickness (mm)	1.00
Min. Thickness (mm)	0.80
Outer Dia. (±0.50mm)	13.60

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-200214

Part No.: -----

Customer

Ref. spec No. :SK-CHAIN-1742

Rev.: 0

Revision History



LTK INTERNATIONAL LIMITED

Suite 502, Concordia Plaza, 1 Science Museum Road
 Tsimshatsui East, Kowloon, Hong Kong
 Tel : (852) 2382 1133 Fax : (852) 2480 6327
 Email : sales@ltkable.com URL : www.ltkable.com

- LTK Electric Wire (Huizhou) Ltd • Huizhou LTK Electronic Cable Ltd
- LTK Electric Wire (Changzhou) Ltd • LTK Cable (Chongqing) Ltd
- 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.