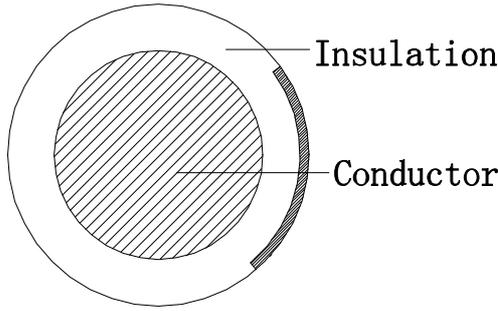


Cross Section



Color

Insulation Color:

Yellow/Green

Marking

XXXXXXm MM/DD/YYYY LTK CABLE 35SQ 450/750V E148000
 AWM STYLE 1015 105°C 600V VW-1 -LF- PCxx CE RoHS conform

Performance

Electrical Characteristics(20°C):

Max. Conductor DC Resistance (Ω/km) 0.533
 Dielectric Strength (kV/1min, AC) 3.0

Description

Rated Temperature (°C) -20~105°C
 Rated Voltage (V) 450/750V
 Flammability VW-1

Mechanical Characteristics:

Test Object

Test Material	Jacket
Before Tensile Strength (Mpa)	PVC
Aging Elongation (%)	≧ 10.30
Aging Condition (°C)	≧ 100
After Tensile Strength (Mpa)	136±2°C x 168h
Aging Elongation (%)	≧ 70% of original
Deformation (121±2°Cx1h)	≧ 65% of original
Cold Bend (-20±2°Cx4h)	≧ 50%
Heat Shock (136±2°Cx1h)	No Crack
	No Crack

Reference Standard

UL 758, UL1581 & Customer's requirements

Construction

Conductor	Stranded Bare Copper
Cores	1C
Cross Section (mm ²)	35 (2AWG)
Construction (mm)	3071/0.12
Insulation	PVC
Nom. Thickness (mm)	1.52
Min. Thickness (mm)	1.37
Insulation Dia. (±0.40mm)	11.70

Environmental Restricted Substance Requirement

- RoHS2.0
- REACH
- CP65
- Antimony free (Sb<700ppm)
- HF (Cl<900ppm; Br<900ppm. Cl+Br<1500ppm)
- SONY SS-00259
- * means Compliance

CHAIN-220104

Part No.: ----

Customer WILLTEC

Ref. spec No. :

Rev.: 0

Revision History



LTK INTERNATIONAL LIMITED

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- LTK Electric Wire (Huizhou) Ltd
- Huizhou LTK Electronic Cable Ltd
- LTK Electric Wire (Changzhou) Ltd
- LTK Cable (Vietnam) Ltd

Prepared by: KAKA 2022/2/24 Table No.: TFA046 Rev.: 9
 Approved by: EMMA 2022/2/24 Page 1 of 1

* Usage instruction: (The followings are general instructions , if there are special requirements, please follow the specific specifications)
 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.