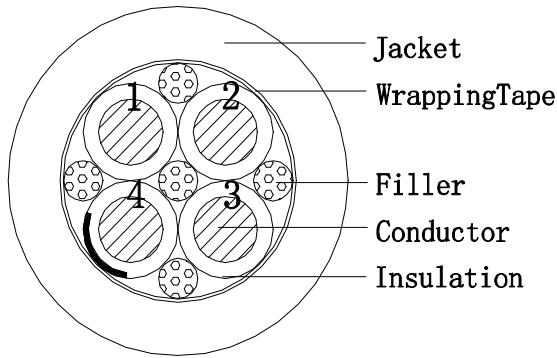


Cross Section



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 CABLE05 4G16 0.6/1.0KV 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)	1.21
Dielectric Strength (kV/1min, AC)	3.0

Description

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

Reference Standard

UL758, UL1581 & Customer's requirements

Construction

Conductor	Stranded Bare Copper
Cores	4C
Cross Section (mm ²)	16
Construction (mm)	531/0.196
Insulation	XLPE
Nom. Thickness (mm)	0.70
Insulation Dia. (±0.20mm)	7.00
Cabling	4C+Filler(optional)
WrappingTape (coverage %)	100%
Jacket	PVC
Nom. Thickness (mm)	1.52
Min. Thickness (mm)	1.30
Outer Dia. (±0.80mm)	20.50

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°Cx1h)	≧ 50%
Cold Bend (-20±2°Cx4h)	No Crack
Heat Shock (121±2°Cx1h)	No Crack

Oil Resistant
Abrasion Resistant
Sliding Test (R≧10D: Travel ≦2m: Rate: ≦2m/s) 5 million

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-210679

Part No.: ----

Customer WILLTEC

Ref. spec No. : Rev.: 0

Revision History



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

Prepared by: KAKA 2021/11/19 Table No.: TFA046 Rev.:9
Approved by: EMMA 2021/11/19 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.