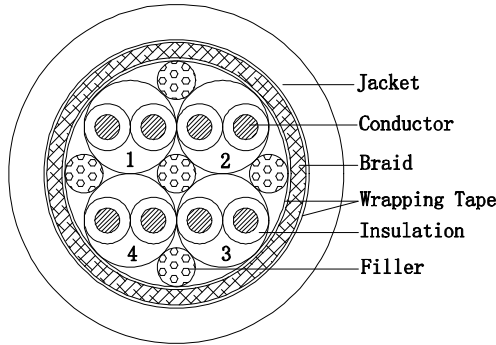


Cross Section



Color

- Pairs:
- 1 Blue-White
 - 2 Orange-White
 - 3 Green-White
 - 4 Brown-White

Outer Jacket :
 Green (similar RAL 6018)
 Blue (similar RAL 5021)

Marking

LTK CABLE10 CAT5E 4PX26AWG E148000 AWM STYLE 20554
 80°C 30V -LF- PCxx CE RoHS conform MM/DD/YYYY XXXXXm

Performance

Electrical Characteristics(20°C):

Max. Conductor DC Resistance (Ω/km)	140
Min. Insulation Resistance (Ω.cm)	5000
Dielectric Strength (V/1min, AC)	700
Characteristic Impedance (Ω, 100MHz)	100±15

Description

Operated Temperature (°C)	-40~80°C
Rated Voltage (V)	30
Flammability	IEC 60332-1

Mechanical Characteristics:

Test Object	Jacket
Test Material	TPU
Before Tensile Strength (Mpa)	≥ 10.3
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 (-40±2°Cx4h)	No Crack
Heat Shock (121±2°Cx1h)	No Crack

Sliding Test 10 million
 (Radius: ≥10D; Distance: ≤2m; Velocity: 2m/s)

Construction

Conductor	Stranded Bare Copper
Cores	4P
AWG	26
Construction (mm)	30/0.08
Insulation	PE
Nom. Thickness (mm)	0.20
Insulation Dia. (±0.10mm)	0.95
Pair Twisted (mm)	2C
Cabling	4P+Filler
Wrapping Tape (Coverage, %)	100%
Braid Shield	Tinned Copper
Coverage (nom. %)	85%
Wrapping Tape (Coverage, %)	100%
Jacket	TPU
Nom. Thickness (mm)	0.70
Min. Thickness (mm)	0.50
Outer Dia. (±0.30mm)	6.40

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

ROBOT-210021-1

Part No.: -----

Customer

Ref. spec No. : -----

Rev.: 0

Revision History



LTK INTERNATIONAL LIMITED

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

Prepared by: KAKA 2022/11/21 Table No.:TFA046 Rev.:9
 Approved by: EMMA 2022/11/21 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.