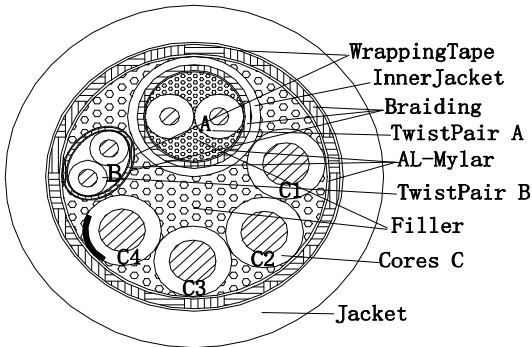


Cross Section



Color

Insulation Color:

- Pair A: Blue - White
- Pair B: Black - White
- Core C:
- C1: Blue
- C2: Brown
- C3: Black
- C4: Yellow/Green

Outer Jacket :

Orange (similar RAL 2003)

Marking

LTK CABLE (4X14AWG+2X(2X22AWG)C)C E148000 AWM STYLE 2586  
 105°C 1000V VW-1 -LF- PCxx OIL RES I SUNLIGHT RESISTANT  
 CE RoHS conform MM/DD/YYYY XXXXXm

Performance

Electrical Characteristics(20°C):

Max. Conductor DC Resistance (Ω/km) A&B:59.4; C:8.96  
 Dielectric Strength (kV/1min, AC) 3.0  
 Characteristic impedance(ohm 1~100MH: (DSL Pair A) 100±15 Ω

Description

Rated Temperature (°C) 105°C  
 Rated Voltage (V) 1000V  
 Flammability VW-1

Reference Standard

UL 758,UL1581,CSA C22.2 No.210

Construction

Conductor	Stranded Tinned Copper		
	A:1P	B:1P	C:4C
Cores	22AWG	22AWG	14AWG
Cross Section (AWG)	19/0.15	19/0.15	41/0.254
Construction (mm)	XLPE	XLPE	XLPE
Nom. Thickness (mm)	0.52	0.32	0.50
Insulation Dia. (±0.10mm)	1.90	1.50	3.00
Twisted	2C+Filler	2C	---
AL-Mylar (Coverage % )	100%	100%	---
<b>Braid shield</b>	<b>Tinned Copper</b>		
Coverage (nom. % )	90%	85%	---
<b>Inner Jacket</b>	<b>PVC</b>		
Inner Dia. (±0.30mm)	5.40	---	---
Wrapping Tape (Coverage % )	---	100%	---
<b>Cableing</b>	<b>A+B+4C+Filler</b>		
AL-Mylar (Coverage % )	100%		
<b>Braid shield</b>	<b>Tinned Copper</b>		
Coverage (nom. % )	85%		
Wrapping Tape (Coverage % )	100%		
<b>Jacket</b>	<b>PVC</b>		
Nom. Thickness (mm)	1.40		
Min. Thickness (mm)	1.12		
<b>Outer Dia. (±0.50mm)</b>	<b>14.50</b>		

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 (-40±2°Cx4h)	≤ 50%
Heat Shock (136±2°Cx1h)	No Crack
Oil Resistant	No Crack
Tensile Strength (Mpa)	100±2°C x 96h
Elongation (%)	≥ 50% of original
Sunlight Resistant	≥ 50% of original

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-200642

Part No.: KRAC1-0047

Customer WILLTEC

Ref. spec No. : GD-CHAIN-1074

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 2021/12/10 Table No.:TFA046 Rev.:9  
 Approved by: EMMA 2021/12/10 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.