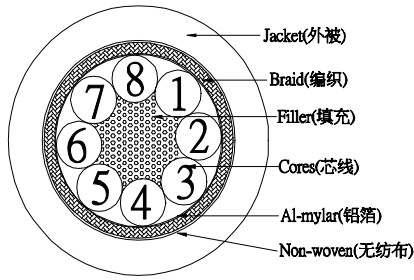


**Cross Section**



**Marking**

LTK L-HI FLEX 8X26AWG 300V E148000 AWM STYLE 20549  
 80°C 300V H -LF- PCXX RoHS conform MM/DD/YYYY XXXXXm

**Description**

Rated Voltage (V)	300
Rated Temperature (°C)	-40~80(Fixed) -40~80(Flexible)
Product Standard Certification	UL
Flammability Test	H,FT2

**Application**  
 For internal wiring of electronic equipment and appliances.

**Reference Standard**  
 UL758, UL1581

**Construction**

<b>8 Cores</b>	<b>Stranded Bare Copper</b>
AWG	26
Construction (mm)	19/0.10
Stranded Dia. (mm)	0.50
<b>Insulation</b>	<b>PP</b>
Nom. Thickness (mm)	0.23
Insulation Dia. (±0.10mm)	1.00
Cabling	8C+Filler
Filler	YES
Al-mylar(Coverage, %)	100
<b>Braid shield</b>	<b>Tinned copper</b>
Coverage area, %	>=85
Non-woven(Coverage, %)	100
<b>Jacket</b>	<b>PUR</b>
Nom. Thickness (mm)	0.60
Min. Thickness (mm)	0.45
<b>Cable Dia. (±0.20mm)</b>	<b>5.50</b>

CHAIN-220171

Part No.: -----

Ref. spec No. : ----- REV: 0

**Revision History**

**Color**

Insulation :  
 1.White 2.Brown 3.Green 4.Yellow 5.Gray 6.Pink 7.Blue 8.Red

Jacket :  
 According to the customer's Require.

**Performance**

**Electrical Characteristics:**

Dielectric Strength (kV/min)	2.00
Max. DC Resistance at 20°C (Ω/km)	140.0

**Mechanical Characteristics:**

<b>Test Object</b>	<b>Jacket</b>
Test Material	PUR
Before Tensile Strength (Mpa)	≥10.35
Aging Elongation (%)	≥100
Aging Condition (°C)	113±2°C x 168 hrs
After Tensile Strength (Mpa)	≥70% of original
Aging Elongation (%)	≥65% of original
Oil resistant Condition (60°C)	(100+/-2°Cx96H) IRM-902
After Tensile Strength (Mpa)	>=50% of original
Aging Elongation (%)	>=50% of original
Cold Bend (-40±2°Cx4hrs)	No crack

Cableveyor test :  
 (R≥10D; L≤2m; S≤2m/s) 2 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



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

Prepared by: LINSONG 2022.03.25 Table No.:TFA046 Rev.:9  
 Approved by: EMMA 2022.03.25 Page 1 of 1

\* Usage instruction: (The followings are general instructions , if there are special requirements, please follow the specific specification)  
 Not to be used directly in corrosive environments such as strong acids and strong alkaline. Not to be immersed in water or in a high humidity environment.  
 Not to be exposed in the sunlight outdoor. It is suggested the wiring minimum bending radius shall be 5 times OD or greater , 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.