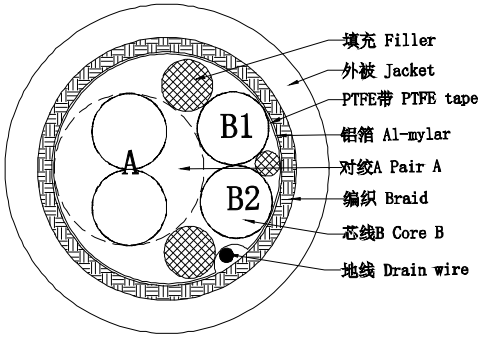


USB2.0 1Px26AWG+2Cx22AWG

Part No. :

Cross Section



Marking

LTK USB2.0 1PX26AWG+2X22AWG E148000 AWM STYLE 20276
80°C 30V VW-1 -LF- PCXX RoHS conform MM/DD/YYYY XXXXXXm

Description

Rated Voltage (V)	30
Rated Temperature (°C)	-20~80
Product Standard Certification	UL
Flammability Test	VW-1

Application
For Internal wiring of electronic equipment
Reference Standard
UL758,UL1581,USB2.0

Construction

Stranded Tinned Copper		
	A:1P	B:2C
4Cores	26	22
AWG	37/0.07	65/0.08+250D
Construction (mm)	0.50	0.75
Stranded Dia. (mm)	0.25	0.20
Insulation	PP	PP
Nom. Thickness (mm)	1.00	1.20
Insulation Dia. (±0.05mm)	2C	----
Twisted Pair (mm)	A+B+C+Filler	
Cabling	Yes	
Filler	100%	
PTFE tape (coverage, %)	100%	
Al-mylar (coverage, %)	37/0.07 Tinned Copper	
Drain Wire	Tinned Copper	
Braid Shield	0.10	
Construction (mm)	≥85	
Coverage Area (%)	PVC	
Jacket	0.52	
Nom. Thickness (mm)	0.41	
Min. Thickness (mm)	5.10	
Outer Dia. (±0.25mm)		

CHAIN-200727

Part No. :

Spec No. : SK-CHAIN-1770 Rev: 0

Revision History

Color

Insulation :
Pair A:
A. White - Green
Core B:
B1. Black
B2. Red
Jacket colors:
Per requirement

Performance

Electrical Characteristics:

Min. Insulation DC Resistance (MΩ*km)	100.0
Dielectric Strength (kV/min)	0.50
Max. DC Resistance at 20°C (Ω/km)	A:150, B:59.4

Pair A	
Differential (Ω) (TDR)	90+/-13.5(diff)
Delay (ns/m)	<=5.2
Delay Skew (ps/m)	<=100

Attenuation(dB/3m)	f(MHz)	Attenuation	f(MHz)	Attenuation
	0.512	<=0.13	12.0	<=0.76
0.772	<=0.15	24.0	<=0.95	
1.00	<=0.20	48.0	<=1.35	
4.00	<=0.39	96.0	<=1.90	
8.00	<=0.57	200.0	<=3.20	
		400.0	<=5.80	

Mechanical Characteristics:

Test Object	Jacket
Test Material	PVC
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

Abraision Resistant

Chain Test (Bending Radius: ≥45mm; Distance: ≤1m; Speed: ≤2m/s)	≥8 million
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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



LTK INTERNATIONAL LIMITED

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

Prepared by: LINSONG 12-Mar-21 Table No.:TFA046 Rev.: 9
Approved by: Emma.Bao 12-Mar-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.