



**SATA 3.2 Cable Series**  
**SATA 3.2 线缆系列**

**PRODUCT DESCRIPTION 产品说明**



E148000 AWM STYLE 2725 80°C 30V VW-1 -LF- PCXX LTK

- Rated temperature 额定温度 : 80°C
- Rated voltage 额定电压 : 30V
- Reference standard 参考标准 :  
UL 758, UL 1581, Serial ATA Specification, IEC60754-2
- Passes UL VW-1 vertical flame test  
通过 UL VW-1 垂直耐燃测试
- Delay Skew 延时差 :  
Intra 对内 <=10ps, Inter 对间 <=50ps
- Impedance 阻抗 : 100+/-10Ω
- Rise Time 上升时间 : 85ps (35 ps input, @20%~80%) (Max.)
- Crosstalk 串音干扰 : -26dB (@10~6000MHz) (Max.)
- Attenuation 衰减 : 6dB/m (@10~6000MHz) (Max.)

Conductor 导体				Insulation 绝缘		Overall Shielding 外屏蔽	Jacket 护套		Max. DC Resistance at 20°C 最大电阻 (ohm/km)
AWG 线规	No./mm 线数/线径	Diameter 线径(mm)	Construction 结构	Material 材质	Diameter 线径(mm)		Material 材质	Diameter 线径(mm)	
30	1/0.26	0.26	2P	Foam PE	0.75	Al-Mylar	PVC	1.8x6.2	361
26	1/0.404	0.404	2P	Foam PE	1.1	Al-Mylar	PVC	2.2x7.9	143

1. Only part of products are listed above.  
以上表格只列出一部份产品。  
2. The above information is for reference only, and is subject to the final specification.  
以上数字仅为参考值，数字以最终规格书为准。



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**Oversea Sales Contact**

**中国香港**  
乐庭国际有限公司  
香港九龙尖沙咀东  
科学馆道1号  
康宏广场502室

**Hong Kong, China**  
LTK International Limited  
Suite 502, Concordia Plaza  
1 Science Museum Road  
Tsimshatsui East Kowloon,  
Hong Kong  
Tel: (852) 2382 1133  
Fax: (852) 2480 6327

**韩国销售联络处**  
**Korea Sales Contact**

**韩国水原市**  
Suwon, Korea  
LTK International Limited  
104, Shinwon-ro  
Yeongtong-gu, Suwon-si  
Gyeonggi-do, Korea  
Postal Code: 11679  
Tel: (82) 070 4288 5798  
(82) 070 4288 5799

**国内销售联络处**  
**Domestic Sales Contact**

**中国深圳**  
Shenzhen, China  
电话: (86) 755 2586 3220  
传真: (86) 755 2586 3350

**中国广州**  
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电话: (86) 20 8489 8116  
传真: (86) 20 8489 6006

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传真: (86) 769 8524 1591

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传真: (86) 752 2619 199

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传真: (86) 23 6566 3788

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Xiamen, China  
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传真: (86) 592 5163 203

**中国武汉**  
Wuhan, China  
电话: (86) 180 5600 7168  
传真: (86) 27 8679 5489

**中国青岛**  
Qingdao, China  
电话: (86) 186 6178 3389

**中国威海**  
Weihai, China  
电话: (86) 155 6212 7533

**中国绵阳**  
Mianyang, China  
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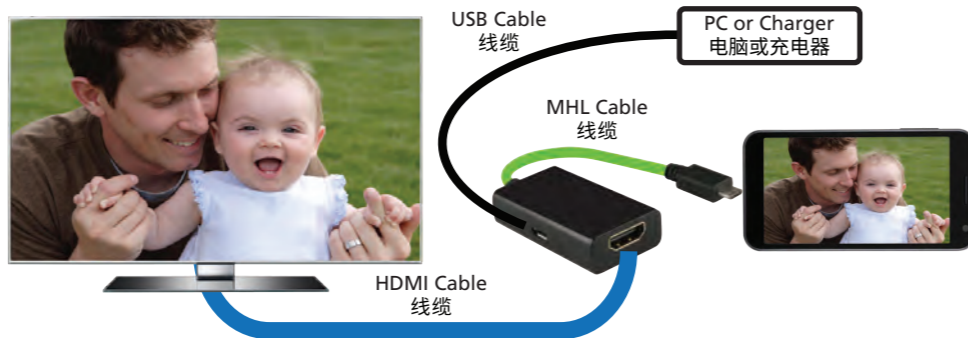
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Mobile High-Definition Link (MHL) is a proposed industry standard for a mobile audio/video interface for directly connecting mobile phones and other portable consumer electronics (CE) devices to high-definition televisions (HDTVs) and displays. The MHL standard features a single cable with a low pin-count interface able to support up to 1080p high-definition (HD) video and digital audio while simultaneously charging the connected device.

移动高清连接技术(MHL)是由移动高清连接技术联盟(MHL Consortium)推出的直接连接移动手机或便携式电子消费产品(CE)和高清晰度电视(HDTV)。MHL的标准功能是通过单电缆与低引脚数接口来实现输出高达1080P 高清晰度 (HD)视频和数字音频,同时为设备充电。



### MHL 3.0 Cable Series MHL 3.0 线缆系列

#### PRODUCT DESCRIPTION 产品说明



E148000 AWM STYLE 20276 80°C 30V VW-1 -LF- PCXX LTK

- Rated temperature 额定温度 : 80°C
- Rated voltage 额定电压 : 30V
- Reference standard 参考标准 : UL 758, MHL3.0
- Passes UL VW-1 vertical flame test 通过 UL VW-1 垂直耐燃测试
- Propagation Delay 延时 : <=35ns/0.5m
- Intra Delay Skew 对内延时差 : <=43ps/0.5m
- Common Impedance 共模阻抗 : 30+/-5Ω ((20%-80%) of 600 psec)
- Differential Impedance 差模阻抗 : 100+/-10Ω ((20%-80%) of 200 psec)

Conductor 导体				Insulation 绝缘		Braid Shielding 编织屏蔽	Jacket 护套		Max. DC Resistance at 20°C 最大电阻 (ohm/km)
AWG 线规	No./mm 线数/线径	Diameter 线径(mm)	Construction 结构	Material 材质	Diameter 线径(mm)		Material 材质	Diameter 线径(mm)	
32	7/0.08	0.24	1P	Foam PE	0.60	Tinned Copper	PVC	4.70	601
24	7/0.20	0.60	2C	HDPE	1.10				
32	7/0.08	0.24	1C	Foam PE	0.65				
30	7/0.10	0.30	1P	Foam PE	0.82	Tinned Copper	PVC	5.00	381
24	7/0.20	0.60	2C	PP	1.10				
32	7/0.08	0.24	1C	Foam PE	0.65				
28	7/0.127	0.38	1P	Foam PE	0.95	Tinned Copper	PVC	5.50	239
24	7/0.20	0.60	2C	PP	1.10				
32	7/0.08	0.24	1C	Foam PE	0.65				

### HDMI Cable Series HDMI 线缆系列

#### PRODUCT DESCRIPTION 产品说明

##### HDMI 2.1 (Coaxial)



HIGH SPEED HDMI® CABLE WITH ETHERNET E148000 AWM STYLE 20276 80°C 30V VW-1 -LF- PCXX LTK

##### HDMI 2.1 (Twist)



PVC : E148000 AWM STYLE 2725 80°C 30V VW-1 -LF- PCXX LTK  
Halogen-Free : E148000 AWM STYLE 21456 80°C 30V VW-1 -HF- -LF- PCXX LTK

- Rated temperature 额定温度 : 80°C
- Rated voltage 额定电压 : 30V
- Reference standard 参考标准 : UL 758, HDMI 1.4, HDMI 2.0, HDMI 2.1
- Passes UL VW-1 vertical flame test 通过 UL VW-1 垂直耐燃测试

Version 版本	Conductor 导体			Insulation 绝缘		Overall Shielding 外屏蔽	Jacket 护套	
	Material 材质	AWG 线规	Construction 结构	Material 材质	Diameter 线径(mm)		Material 材质	Diameter 线径(mm)
HDMI1.4&2.0 Parallel Pair	Bare Copper& Tinned Copper& Silver Plated Copper	32~22	5P+4C	Foam PE&PP	0.60~2.2	Tinned Copper	PVC&NHFR	4.5~12
HDMI1.4&2.0 Twisted Pair	Bare Copper& Tinned Copper& Silver Plated Copper	36~22	5P+4C	Foam PE&PP	0.40~2.2	Tinned Copper	PVC&NHFR	4.0~12
HDMI2.1 Parallel Pair	Bare Copper& Silver Plated Copper	26~24	4P+1P+4C	Foam PE	1.15~1.5	Tinned Copper	PVC	8.0~9.0
HDMI2.1 Twisted Pair	Bare Copper& Silver Plated Copper	34~28	4P+1P+4C	Foam PE&PP	0.50~0.90	Tinned Copper	PVC&NHFR	4.0~7.3
HDMI2.1 Coaxial	Silver Plated Copper	40~32	8C+1P+4C	FEP	0.24~0.75	Tinned Copper	PVC&NHFR	2.5~4.8

### USB Cable Series USB 线缆系列

#### PRODUCT DESCRIPTION 产品说明

##### USB 3.1 (Coaxial)



E148000 AWM STYLE 2725 80°C 30V VW-1 -LF- PCXX LTK

##### USB 3.1, 3.0 (Twist)



USB 3.1 : E148000 AWM STYLE 2725 80°C 30V VW-1 -LF- PCXX LTK  
USB 3.0 PVC : E148000 AWM STYLE 2725 80°C 30V VW-1 -LF- PCXX USB3.0 LTK  
USB 3.0 Halogen-Free : E148000 AWM STYLE 21099 80°C 30V VW-1 -HF- -LF- PCXX USB3.0 LTK

- Rated temperature 额定温度 : 80°C
- Rated voltage 额定电压 : 30V
- Reference standard 参考标准 : USB 3.1 : UL 758, USB 3.1 Specification  
USB 3.0 : UL 758, UL 1581  
USB 3.0 Specification  
USB 2.0 : UL 444, UL 13, UL 1581, USB 2.0 Specification
- Passes UL VW-1 vertical flame test 通过 UL VW-1 垂直耐燃测试

Version 版本	Conductor 导体			Insulation 绝缘		Braid Shielding 编织屏蔽	Jacket 护套		Max. DC Resistance at 20°C 最大电阻 (ohm/km)
	AWG 线规	No./mm 线数/线径	Construction 结构	Material 材质	Diameter 线径(mm)		Material 材质	Diameter 线径(mm)	
USB 3.1 Coaxial C-A	32	7/0.08	2P	FEP	0.63	Tinned Copper	PVC / HF	4.20	601
	32	7/0.08	1P	PP	0.60				601
	24	7/0.20	2C	PP	0.80				94.2
USB 3.1 Twist C-C	32	7/0.08	4P	FEP	0.63	Tinned Copper	PVC / HF	5.00	601
	32	7/0.08	1P	PP	0.60				601
	32	7/0.08	4C	PP	0.45				601
	24	7/0.20	2C	PP	0.80				94.2
USB 3.1 Coaxial C-C	32	7/0.08	8C	FEP	0.65	Tinned Copper	PVC / HF	4.50	601
	32	7/0.08	1P	FEP	0.55				997
	34	7/0.06	4C	FEP	0.35				125
	25	37/0.08	2C	FEP	0.76				
USB 3.0	32	7/0.08	2P	PP	0.60	Tinned Copper	PVC / HF	4.00	601
	32	7/0.08	1P	PP	0.45				601
	24	7/0.20	2C	PP	0.80				94.2
USB 2.0	28	19/0.08	2C	LD-PE	0.83	Tinned Copper	PVC / HF	3.50	239
	27	24/0.08+250D	2C	LD-PE	0.95				188

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