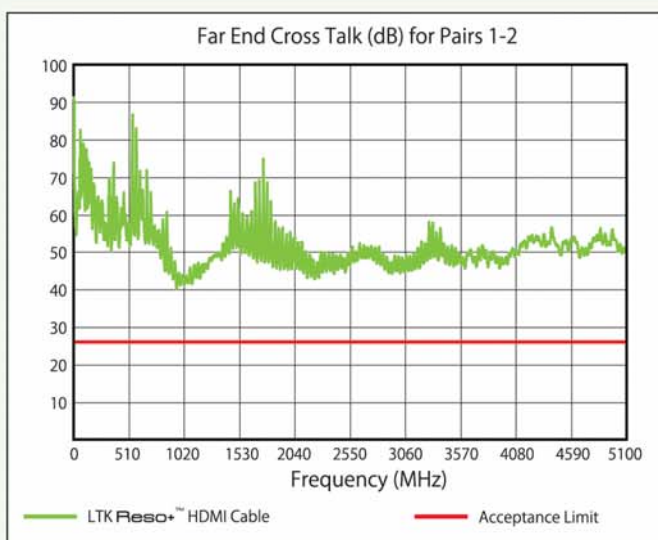
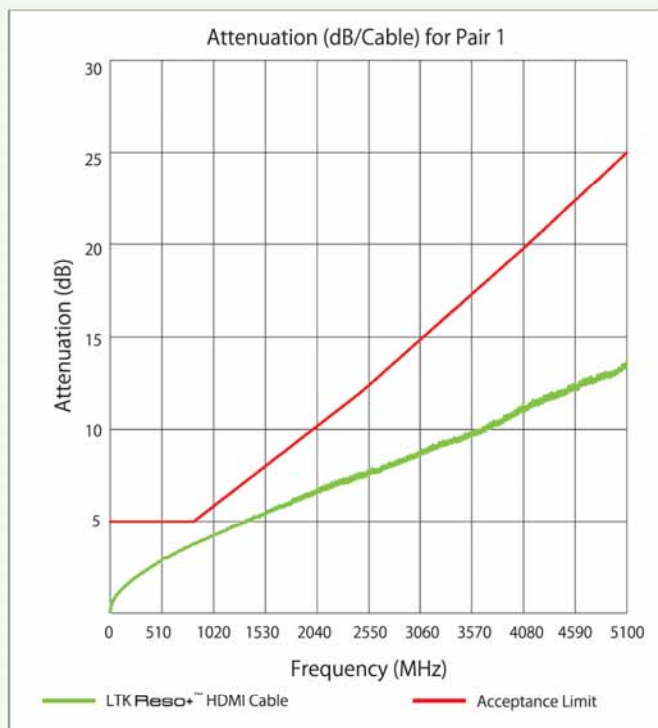


## Test Performance 测试表现

LTK's Reso+™ series HDMI cables, with total bandwidth up to 10.2 Gbps, provides equivalent performance to High Speed (Category 2) HDMI cables. They are tested in our world-class facilities using advanced equipment like Network Analyzer and TDR modules to ensure outstanding performance in the field.

乐庭的Reso+™ HDMI 电线系列·拥有高达10.2Gbps全部频宽·相等於High Speed (级别二)的HDMI电缆。电线产品通过厂房世界级的测试仪器如网络分析仪·TDR组件等·以保证卓越表现。



### Intra-Pair Skew Test 对内延时差测试

Specification Requirements :

| Pair                 | 1   | 2    | 3   | 4    |
|----------------------|-----|------|-----|------|
| Limit Max (ps) : 111 | 9.3 | 50.2 | 9.1 | 42.3 |

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# Reso+™ series

## HDMI Cables 电线系列



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乐活新世代  
The Future of our Lifestyle

# Reso+™ series

## HDMI Cables 电线系列

Various HDMI cable categories supported  
Cost effective material selection

支援多种 HDMI 线材种类  
物料选材符合成本效益

### Applications 应用

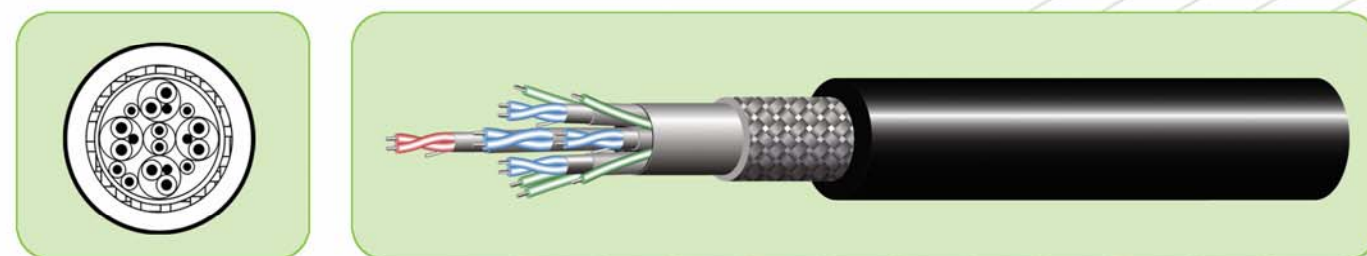
LTK's Reso+™ series HDMI cables are widely applied in advanced consumer electronic devices like LCD/LED backlight TV supporting 3D formats and resolutions and other high definition displays, Blu-ray Disc players, game consoles, digital camera and set-top boxes.

乐庭的Reso+™ HDMI 电线系列, 广泛应用于各种高端消费电子产品如支援三维格式及解像度的LCD/LED背光源电视机及其他高清显示、蓝光碟播放器、电玩主机、数码相机及机顶盒。

### HDMI Version Comparison 版本比较

| Features<br>特性                       | 1.3                   |                         | 1.4   |   |   |
|--------------------------------------|-----------------------|-------------------------|---|---|---|
|                                      | Standard (Category 1) | High Speed (Category 2) | Standard with Ethernet (Category 1 with HEAC) | High Speed with Ethernet (Category 2 with HEAC) | Standard Automotive (Category 1 Automotive) |
| Total Bandwidth<br>全部带宽(Gbps)        | 2.25                  | 10.2                    | 2.25  | 10.2  | 2.25  |
| Resolution Supports<br>支援分辨率         | 720p / 1080i          | 1080p or higher         | 720p / 1080i                                  | 1080p or higher                                 | 720p / 1080i                                |
| Connector Type<br>接头种类               | Type A/C              | Type A/C                | Type A/C/D                                    | Type A/C/D                                      | Type A/E                                    |
| Ethernet Channel Supports<br>支援以太网通道 | ✗                     | ✗                       | ✓   | ✓   | ✗   |

### Product Description 产品说明



- Rated voltage : 30V
- Rated temperature : 80°C
- Reference standard : HDMI Specification Version 1.3 / 1.4
- Stranded / solid bare or silver plated copper conductor
- Foam-PE or PP insulation
- Tinned copper braid shield
- PVC or mPPE-PE jacket
- Flammability grade : UL VW-1 & CSA FT1 vertical flame test

- 额定电压 : 30V
- 额定温度 : 80°C
- 参考标准 : HDMI Specification Version 1.3 / 1.4
- 导体使用绞合镀锡软铜线 / 镀银软铜线
- 发泡聚乙烯或聚丙烯绝缘
- 镀锡软铜线编织屏蔽
- 聚氯乙烯或阻燃改性聚苯醚 - 聚乙烯护套
- 燃烧等级 : UL VW-1 及 CSA FT1 垂直耐燃测试

### Specifications 规格

#### Reso+™ X4 Series (with HEAC)

| Part No.<br>型号 | Conductor<br>导体 | Construction<br>结构 | Insulation Material<br>绝缘材质 | Inner Shielding<br>内屏蔽 | Overall Shielding<br>外屏蔽 | Jacket<br>护套   |                     | Max. Conductor DC Resistance at 20°C<br>最大导体电阻 (ohm/km) |
|----------------|-----------------|--------------------|-----------------------------|------------------------|--------------------------|----------------|---------------------|---|
|                |                 |                    |                             |                        |                          | Material<br>材质 | Diameter<br>线径 (mm) |   |
| RES43601       | 36 AWG          | 5P+4C              | FEP & HDPE                  | Al-mylar               | Al-mylar, TC* braiding   | PVC / mPPE-PE  | 4.50                | 1473  |
| RES43401       | 34 AWG          | 5P+4C              | FEP & HDPE                  | Al-mylar               | Al-mylar, TC* braiding   | PVC / mPPE-PE  | 5.30                | 1050  |
| RES43201       | 32 AWG          | 5P+4C              | Foam PE / PP                | Al-mylar               | Al-mylar, TC* braiding   | PVC / mPPE-PE  | 6.00                | 538   |
| RES43001       | 30 AWG          | 5P+4C              | Foam PE / PP                | Al-mylar               | Al-mylar, TC* braiding   | PVC / mPPE-PE  | 6.50                | 354   |
| RES42801       | 28 AWG          | 5P+4C              | Foam PE / PP                | Al-mylar               | Al-mylar, TC* braiding   | PVC / mPPE-PE  | 7.50                | 223   |
| RES42601       | 26 AWG          | 5P+4C              | Foam PE / PP                | Al-mylar               | Al-mylar, TC* braiding   | PVC / mPPE-PE  | 9.20                | 130   |
| RES42401       | 24 AWG          | 5P+4C              | Foam PE / PP                | Al-mylar               | Al-mylar, TC* braiding   | PVC / mPPE-PE  | 11.50               | 77.6  |

#### Reso+™ X3 Series

| Part No.<br>型号 | Conductor<br>导体 | Construction<br>结构 | Insulation Material<br>绝缘材质 | Inner Shielding<br>内屏蔽 | Overall Shielding<br>外屏蔽 | Jacket<br>护套   |                     | Max. Conductor DC Resistance at 20°C<br>最大导体电阻 (ohm/km) |
|----------------|-----------------|--------------------|-----------------------------|------------------------|--------------------------|----------------|---------------------|---|
|                |                 |                    |                             |                        |                          | Material<br>材质 | Diameter<br>线径 (mm) |   |
| RES33601       | 36 AWG          | 4P+1P+5C           | FEP & HDPE                  | Al-mylar               | Al-mylar, TC* braiding   | PVC / mPPE-PE  | 4.00                | 1473  |
| RES33401       | 34 AWG          | 4P+1P+5C           | FEP & HDPE                  | Al-mylar               | Al-mylar, TC* braiding   | PVC / mPPE-PE  | 4.50                | 1050  |
| RES33201       | 32 AWG          | 4P+1P+4C+1C        | Foam PE / PP                | Al-mylar               | Al-mylar, TC* braiding   | PVC / mPPE-PE  | 5.40                | 538   |
| RES33001       | 30 AWG          | 4P+1P+5C           | Foam PE / PP                | Al-mylar               | Al-mylar, TC* braiding   | PVC / mPPE-PE  | 5.70                | 354   |
| RES32801       | 28 AWG          | 4P+1P+5C           | Foam PE / PP                | Al-mylar               | Al-mylar, TC* braiding   | PVC / mPPE-PE  | 7.30                | 223   |
| RES32601       | 26 AWG          | 4P+1P+5C           | Foam PE / PP                | Al-mylar               | Al-mylar, TC* braiding   | PVC / mPPE-PE  | 8.20                | 130   |
| RES32401       | 24 AWG          | 4P+1P+5C           | Foam PE / PP                | Al-mylar               | Al-mylar, TC* braiding   | PVC / mPPE-PE  | 9.30                | 77.6  |

#### Reso+™ X2 Series

| Part No.<br>型号 | Conductor<br>导体 | Construction<br>结构 | Insulation Material<br>绝缘材质 | Inner Shielding<br>内屏蔽 | Overall Shielding<br>外屏蔽 | Jacket<br>护套   |                     | Max. Conductor DC Resistance at 20°C<br>最大导体电阻 (ohm/km) |
|----------------|-----------------|--------------------|-----------------------------|------------------------|--------------------------|----------------|---------------------|---|
|                |                 |                    |                             |                        |                          | Material<br>材质 | Diameter<br>线径 (mm) |   |
| RES23001       | 30 AWG          | 4P+1P+5C           | Foam PE / PP                | Al-mylar               | Al-mylar, AL-Mg Alloy    | PVC / mPPE-PE  | 5.70                | 354   |
| RES23002       | 30 AWG          | 4P+1P+5C           | Foam PE / PP                | Al-mylar               | Al-mylar                 | PVC / mPPE-PE  | 5.70                | 354   |

\* TC - Tinned Copper 镀锡软铜