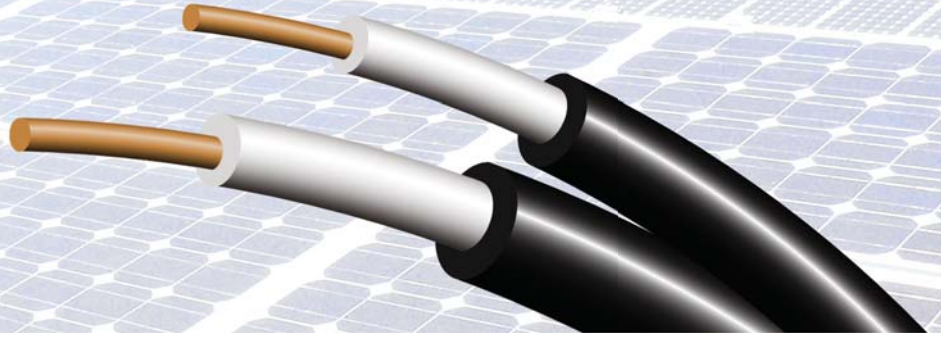


## Solutions for Photovoltaic Applications

### 太阳能应用解决方案

**TÜV**  
Compliant



### Applications 应用

The **TÜV** approved photovoltaic wire series designed for photovoltaic applications as,

- **Connection of outdoor solar panels**
- **Connection between solar panels and inverter**

产品为**TÜV**标准太阳能电线系列，专门为以下太阳能设备应用，

- 户外太阳能板连接
- 太阳能板与逆变器连接

### Product Description 产品说明

The product series is **TÜV** approved and passing the **IEC60332-1-2** flame test. Structured with XL-PE (Halogen-free material) inner jacket and insulation, and stranded tinned copper single conductor.

线材通过 **TÜV** 标准及 **IEC60332-1-2** 燃烧测试，结构包括，采用无卤物料 XLPE 内护套及绝缘，及绞合镀锡软铜单芯导体。

### Characteristics 特性

- Rated voltage : 1800V DC  
600/1000 AC (Uo/U)
- Rated temperature : -40 - 90°C
- Flammability test : IEC60332-1-2
- Reference standard :  
Conductor : IEC60228 (Class 5)  
Test of absence of halogen : IEC60684-2, IEC50267-2-1  
Wiring of appliance : 2 Pfg 1169/08.2007  
Thermal endurance : IEC60216-2

- 额定电压 : 1800V DC  
600/1000 AC (Uo/U)
- 额定温度 : -40 - 90°C
- 燃烧测试 : IEC60332-1-2
- 参考标准 :  
导体 : IEC60228 (Class 5)  
卤素含量测试 : IEC60684-2, IEC50267-2-1  
应用标准 : 2 Pfg 1169/08.2007  
耐热性 : IEC60216-2



# Cable Structure 线缆结构

Part No. 型号	SET1-5101003505	SET2-5101003505	SET4-0101003505	SET6-0101003505
<b>Conductor 导体</b>				
Construction (n x mm <sup>2</sup> ) 结构	1 x 1.5	1 x 2.5	1 x 4.0	1 x 6.0
Material 物料	Stranded Tinned Copper 绞合镀锡软铜	Stranded Tinned Copper 绞合镀锡软铜	Stranded Tinned Copper 绞合镀锡软铜	Stranded Tinned Copper 绞合镀锡软铜
Conductor Diameter (mm) 导体直径	1.56	1.93	2.59	3.20
<b>Insulation 绝缘</b>				
Material 物料	XLPE (NH-FR)	XLPE (NH-FR)	XLPE (NH-FR)	XLPE (NH-FR)
Min. Thickness (mm) 最少厚度	0.60	0.60	0.60	0.60
Nom. Thickness (mm) 定义值厚度	0.85	0.85	0.85	0.80
Insulation Diameter (mm) 绝缘直径	3.30 (±0.12mm)	3.75 (±0.12mm)	4.20 (±0.12mm)	4.80 (±0.15mm)
<b>Jacket 护套</b>				
Material 物料	XLPE (NH-FR)	XLPE (NH-FR)	XLPE (NH-FR)	XLPE (NH-FR)
Min. Thickness (mm) 最少厚度	0.60	0.60	0.60	0.60
Nom. Thickness (mm) 定义值厚度	0.85	0.85	0.85	0.85
Diameter (mm) 直径	5.00 (±0.2mm)	5.50 (±0.25mm)	5.90 (±0.25mm)	6.60 (±0.25mm)

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·

For More Information, please email to [sales@ltkable.com](mailto:sales@ltkable.com) or visit us at [www.ltkable.com](http://www.ltkable.com).

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