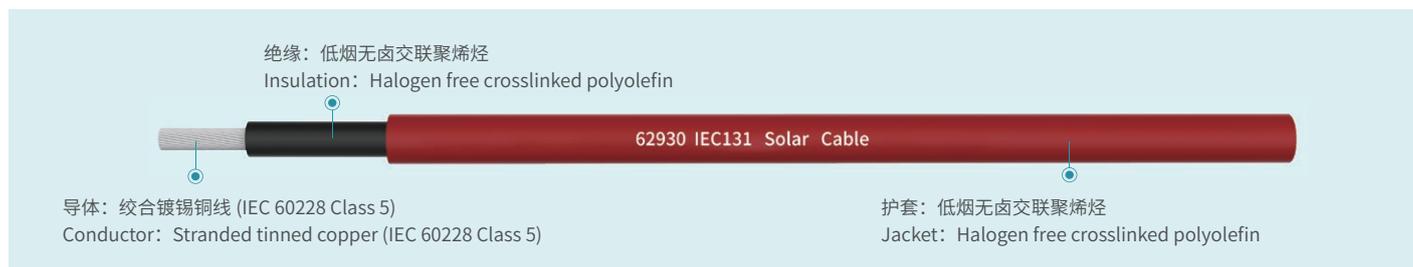


# 62930 IEC131 光伏电缆

## 62930 IEC131 Solar Cable



### 产品优点 Advantages:

- 辐照交联化合物  
E - beam cross-linked compounds
- 抗紫外线和臭氧, 耐水解  
High resistance against UV ,ozone and hydrolyzation
- 耐高温, 材料不会融化或流动  
High temperature resistance , materials will not melt or flow
- 低温韧性  
Flexibility under cold conditions
- 使用寿命, 90°C以下超过 25 年  
Long usable life , expected usable life over 25 years ( < 90°C )
- 适用于所有的常用连接器  
Applicable to all common connectors

### 性能 Properties:

- 成品电缆耐电压: AC 6.5KV 5min, 不击穿  
Voltage test of finished cable: AC 6.5KV 5min, No break
- 额定电压: DC 1500V /AC1000V  
Rating voltage: DC 1500V /AC1000V
- 环境温度: -40°C ~90°C  
Ambient temperature: -40°C ~90°C
- 最高线温: 120°C  
Max. conductor temperature: 120°C
- 弯曲半径: 动态  $\geq 5XO.D$  静态  $\geq 4XO.D$   
Bending radius: Moves setting  $\geq 5XO.D$  Fixed setting  $\geq 4XO.D$
- 绝缘颜色: 全色系  
Insulation Color: Optional color
- 护套颜色: 全色系  
Jacket Color: Optional color

### 应用 Application:

- 广泛用于光伏发电和太阳能系统, 连接太阳能组件和电力元件, 适用于室外极端环境。  
It is widely used in photovoltaic power generation and solar energy systems to connect solar modules and electrical components, and is suitable for outdoor extreme environments.

截面积 Cross Section (mm <sup>2</sup> )	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C (Ω/km)	重量 weight (kg/km)
1.5	30/0.25	0.7	0.8	4.3	$\leq 13.7$	30
2.5	49/0.25	0.7	0.8	5.5	$\leq 8.21$	49
4	56/0.285	0.7	0.8	5.7	$\leq 5.09$	63
6	84/0.285	0.7	0.8	6.3	$\leq 3.39$	83
10	77/0.4	0.7	0.8	7.8	$\leq 1.95$	156
16	126/0.4	0.7	0.9	8.6	$\leq 1.24$	197
25	196/0.4	0.9	1.0	10.6	$\leq 0.795$	304
35	276/0.4	0.9	1.1	11.9	$\leq 0.565$	409