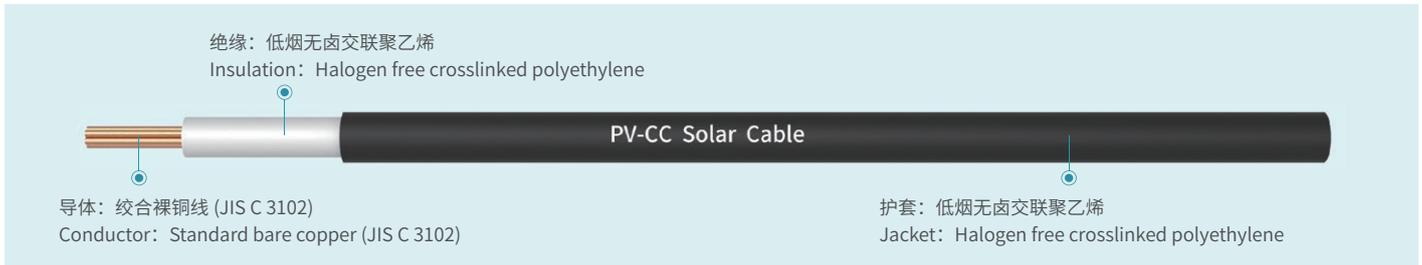


# 目标 PV-CC 光伏电缆

## Japanese standard PV - CC 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
- 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
- 绝缘 / 护套抗张强度:  $\geq 6.5\text{Mpa}$   
Tensile Strength of Insulation/Jacket :  $\geq 6.5\text{Mpa}$
- 绝缘 / 护套断裂伸长率:  $\geq 125\%$   
Insulation/Jacket elongation at break:  $\geq 125\%$
- 额定电压: DC 1500V  
Rating voltage: DC 1500V
- 环境温度:  $-40^{\circ}\text{C} \sim 90^{\circ}\text{C}$   
Ambient temperature:  $-40^{\circ}\text{C} \sim 90^{\circ}\text{C}$
- 绝缘颜色: 白色  
Insulation Color: White
- 护套颜色: 黑色  
Jacket Color: Black

### 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)
2	7/0.6	0.7	1.11	5.60	$\leq 9.24$	48
3.5	7/0.8	0.7	1.13	6.30	$\leq 5.20$	68
5.5	7/1.0	0.7	1.15	7.00	$\leq 3.33$	92
8	7/1.2	0.7	1.18	7.60	$\leq 2.31$	119