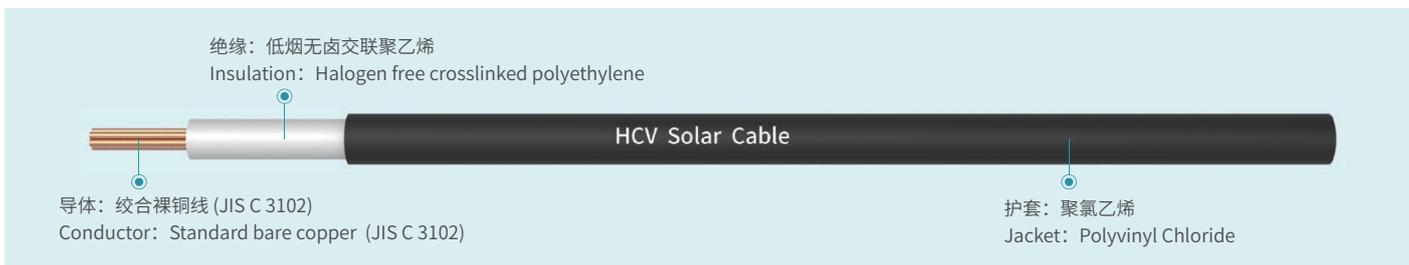


目标 HCV 光伏电缆

Japanese Standard HCV 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 1.5KV 1min, 不击穿
Voltage test of finished cable: AC 1.5KV 1min, No break
- 绝缘 / 护套抗张强度: $\geq 10\text{Mpa}$
Tensile Strength of Insulation/Jacket : $\geq 10\text{Mpa}$
- 绝缘断裂伸长率: $\geq 200\%$
Insulation elongation at break: $\geq 200\%$
- 护套断裂伸长率: $\geq 120\%$
Jacket elongation at break: $\geq 120\%$
- 额定电压: DC 600V
Rating voltage: DC 600V
- 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 ²)	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	0.8	1.50	6.20	≤ 9.24	53
3.5	7/0.8	0.8	1.50	6.70	≤ 5.20	71
5.5	7/1.0	1.0	1.50	7.70	≤ 3.33	99
8	7/1.2	1.0	1.50	8.30	≤ 2.31	127