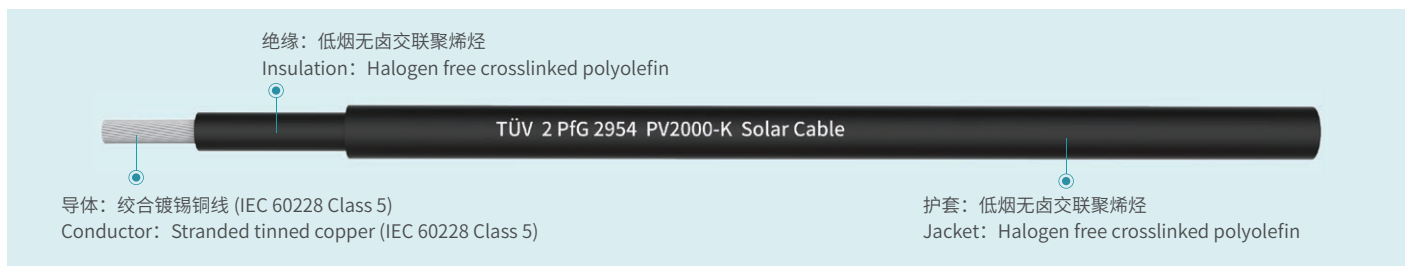


PV2000-K 光伏电缆

PV2000-K 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:

- 成品电缆耐压：AC 8KV 5min, 不击穿
Voltage test of finished cable: AC 8KV 5min, No break
- 额定电压：DC 2000V /AC1200V
Rating voltage: DC 2000V /AC1200V
- 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：黑色
Insulation Color: Black
- 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)
2.5	49/0.25	1.1	0.8	6.1	≤ 8.21	49
4	56/0.285	1.1	0.8	6.4	≤ 5.09	63
6	84/0.285	1.1	0.8	7.2	≤ 3.39	83
10	77/0.4	1.1	0.8	8.2	≤ 1.95	146