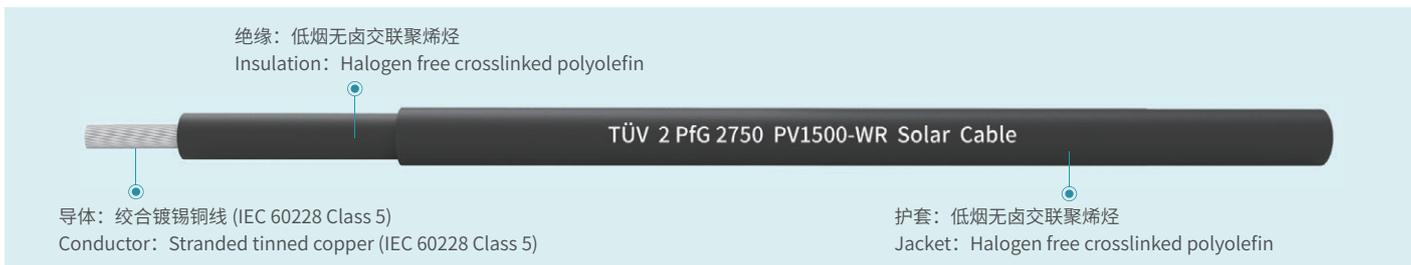


PV1500-WR 水上光伏电缆

PV1500-WR Water-Resistant Floating 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 5KV 5min, No break
- 绝缘 / 护套抗张强度：≥ 8Mpa
Tensile Strength of Insulation/Jacket : ≥ 8Mpa
- 绝缘 / 护套断裂伸长率：≥ 125%
Elongation at Break of Insulation/Jacket: ≥ 125%
- 额定电压：DC 1500V
Rating voltage: DC 1500V
- 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
- 绝缘颜色：黑色
Insulation Color: Black
- 护套颜色：黑色
Jacket Color: Black

应用 Application:

- 适用于专为淡水环境设计的特种电缆，需具备防水、耐腐蚀、抗紫外线等特性，以适应海上光伏电站的复杂工况。
It is a special cable specifically designed for the freshwater environment and needs to have characteristics such as water resistance, corrosion resistance, and UV resistance to adapt to the complex working conditions of offshore photovoltaic power stations.

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)
1.5	30/0.25	0.7	0.8	4.6	≤ 13.7	34
2.5	49/0.25	0.7	0.8	5.1	≤ 8.21	47
4	56/0.285	0.7	0.8	5.5	≤ 5.09	60
6	84/0.285	0.7	0.8	6.1	≤ 3.39	81
10	77/0.4	0.8	0.8	7.4	≤ 1.95	133
16	126/0.4	0.9	0.9	9.2	≤ 1.24	212
25	196/0.4	1	1	11	≤ 0.795	318
35	276/0.4	1.1	1.1	12.7	≤ 0.565	437