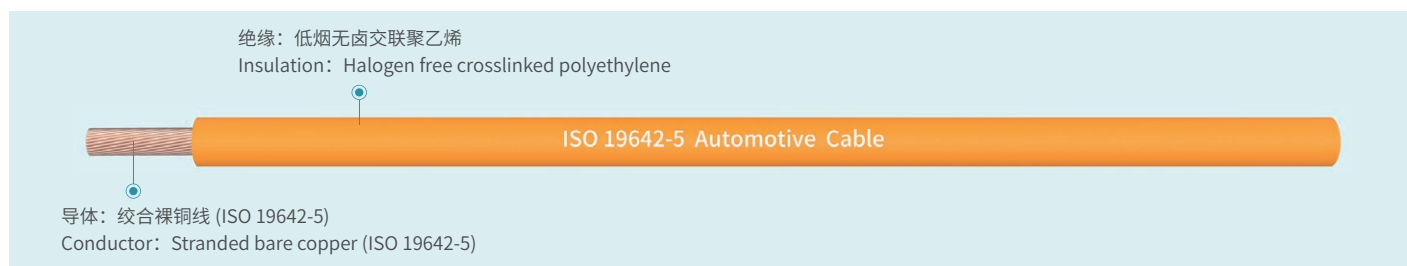


汽车高压线

Automotive High-Voltage Cable



产品优点 Advantages:

- 产品柔软，易于安装
Flexible and easy for installation
- 产品阻燃性好
The product has good flame retardancy
- 耐油、耐酸碱、耐水、耐磨
Resistance against oil, acid, alkali, water, wearing
- 抗开裂、抗紫外线
Resistance against cracking, UV
- 所有材料符合 ROHS&REACH 环保标准
All materials comply with ROHS&REACH

性能 Properties:

- 成品电缆耐电压：AC 10KV 5min, 不击穿
Voltage test of finished cable: AC 10KV 5min, No break
- 额定电压：DC 1500V
Rating voltage: DC 1500V
- 工作温度：-40°C ~+(125°C ,150°C)
Working temperature: -40°C ~+(125°C ,150°C)
- 短期老化：240h, 遵循 ISO 19642
Short-term Aging: 240h, Comply with ISO 19642
- 长期老化：3000h, 遵循 ISO 19642
Long-term Aging: 3000h, comply with ISO 19642
- 抗撕裂：>20N/mm
Anti-tear Performance :>20N/mm
- 绝缘颜色：橙色
Insulation Color: orange

应用 Application:

- 用于连接充电口与电池、电池内部、电池与发动机及其他元器件，作为电力传输的载体。
It is widely used in photovoltaic power generation and solar energy systems, connecting solar components and electrical elements, and is suitable for extreme outdoor environments.

线材规格 Style of the cable (mm ²)	导体绞合外径 Conductor stranded outer diameter (No./mm)	绝缘厚度 Insulation 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)
1×16	5.50	1.00	7.6	≤ 1.16	184
1×25	7.00	1.30	9.7	≤ 0.743	291
1×35	8.30	1.30	11	≤ 0.527	397
1×50	10.00	1.50	13.1	≤ 0.368	564
1×70	11.80	1.50	15.0	≤ 0.259	779
1×95	13.80	1.60	17.1	≤ 0.196	1038
1×120	15.50	1.60	18.8	≤ 0.153	1288