# 聚氯乙烯绝缘电缆电线

## 产品性能
- 产品依据GB5023-1997与JB8734-1998标准生产。电缆浸水1小时后经受交流50Hz
- 2500V(450/750V)、2000V(300/500V)电压试验5分钟不击穿。

## 使用特性
- 本产品适用于交流额定电压450/750V及以下动力日用电器、仪器仪表及通信设备等线路。
- 电缆长期工作温度应不超过70℃。BV-90，RV-90型长期工作温度应不超过90℃，短期应不超过105℃。
- 敷设温度应不低于0℃。
- 允许弯曲半径：电线外径(D)小于25mm者应不小于4D；电线外径(D)为25mm及以上者应不小于6D。

### 型号规格

#### GB5023-1997标准

<table>
<thead>
<tr>
<th>型号</th>
<th>名称</th>
<th>额定电压V</th>
<th>芯数</th>
<th>标称截面mm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>227IEC01(BV)</td>
<td>一般用途单芯导体无护套电缆</td>
<td>450/750</td>
<td>1</td>
<td>1.5-400</td>
</tr>
<tr>
<td>227IEC02(RV)</td>
<td>一般用途单芯软导体无护套电缆</td>
<td>450/750</td>
<td>1</td>
<td>1.5-240</td>
</tr>
<tr>
<td>227IEC05(BV)</td>
<td>内部布线用导体温度为70℃的单芯实芯导体无护套电缆</td>
<td>300/500</td>
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<td>0.5-1</td>
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<td>227IEC06(RV)</td>
<td>内部布线用导体温度为70℃的单芯软芯导体无护套电缆</td>
<td>300/500</td>
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<td>0.5-1</td>
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<tr>
<td>227IEC07(BV-90)</td>
<td>内部布线用导体温度为90℃的单芯实芯导体无护套电缆</td>
<td>300/500</td>
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<tr>
<td>227IEC08(RV-90)</td>
<td>内部布线用导体温度为90℃的单芯软芯导体无护套电缆</td>
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<td>1</td>
<td>0.5-2.5</td>
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<tr>
<td>227IEC10(BVV)</td>
<td>线型聚氯乙烯护套电缆</td>
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<td>227IEC52(RVV)</td>
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<td>227IEC53(RVv)</td>
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<td>2, 3, 4, 5</td>
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#### JB8734-1998标准

<table>
<thead>
<tr>
<th>型号</th>
<th>名称</th>
<th>额定电压V</th>
<th>芯数</th>
<th>标称截面mm²</th>
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<tbody>
<tr>
<td>BV</td>
<td>铜芯聚氯乙烯绝缘电线</td>
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<td>BLV</td>
<td>铜芯聚氯乙烯绝缘电缆</td>
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<td>BVV</td>
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### 聚氯乙烯绝缘电线

**型号：** 227 IEC01(BV) 450/750V——技术参数(GB5023-1997)

<table>
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<tr>
<th>截面 mm²</th>
<th>导体种类</th>
<th>电线平均外径上限 mm</th>
<th>电线参考重量 kg/km</th>
<th>20℃时导体最大电电阻 Ω/km</th>
<th>70℃时最小绝缘电阻 MΩ·km</th>
<th>备注</th>
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**型号：** 227 IEC05(BV) 300/500V——技术参数(GB5023-1997)

<table>
<thead>
<tr>
<th>截面 mm²</th>
<th>导体种类</th>
<th>电线平均外径上限 mm</th>
<th>电线参考重量 kg/km</th>
<th>20℃时导体最大电电阻 Ω/km</th>
<th>70℃时最小绝缘电阻 MΩ·km</th>
<th>备注</th>
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<tbody>
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<td>2.8</td>
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<td>18.1</td>
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**型号：** BV 300/500V——技术参数(JB8734-1998)

<table>
<thead>
<tr>
<th>截面 mm²</th>
<th>导体种类</th>
<th>电线平均外径上限 mm</th>
<th>电线参考重量 kg/km</th>
<th>20℃时导体最大电电阻 Ω/km</th>
<th>70℃时最小绝缘电阻 MΩ·km</th>
<th>备注</th>
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<tr>
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<td>36.0</td>
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