

0.6/1kV PVC 绝缘电力电缆



用途: PVC 绝缘电力电缆适用于工厂、商业楼宇和民用建筑 0.6/1KV 电压等级及以下的供电和配电。其中型号为 ZR 的电力电缆具有阻燃性能。



敷设温度: 敷设温度应不低于 0℃。当环境温度低于 0℃时, 电缆敷设应先预热。

工作温度: 导体的最大允许持续工作温度不应超过 70℃。

导体短路时温度: 短路时最高温度不应超过 160℃。短路时间不应超过 5 秒。



弯曲半径: 对于单芯电缆: $20(d+D)\pm 5\%$, 对于多芯电缆: $15(d+D)\pm 5\%$ 。D=电缆实际外径(mm), d=导体实际直径(mm)。



标准: GB/T12706, IEC60502, 或者用户要求的其它标准。对于阻燃特性的要求参照 IEC60332-3 和 GB/T 18380。



包装: 铁木盘, 木盘或铁盘。



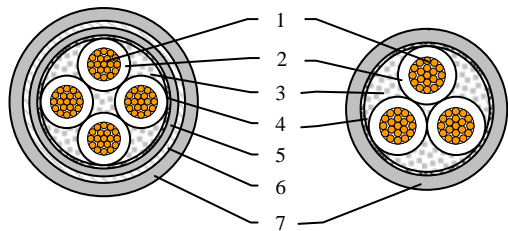
型号、名称和用途

| 型号 | 名称 | 用途 |
|---|-------------------------------|---------------------------|
| VV VLV | 铜或铝导体 PVC 绝缘 PVC 护套电力电缆 | 敷设于室内, 管道或隧道, 但不能承受拉力和压力。 |
| VV ₂₂ VLV ₂₂ | 铜或铝导体 PVC 绝缘钢带铠装 PVC 护套电力电缆 | 敷设于室内, 隧道或直埋, 能够承受适当压力。 |
| VV ₃₂ VLV ₃₂ | 铜或铝导体 PVC 绝缘钢丝铠装 PVC 护套电力电缆 | 敷设于室内, 矿井, 水下, 能够承受适当拉力。 |
| ZR-VV ZR-VLV | 铜或铝导体 PVC 绝缘 PVC 护套阻燃电力电缆 | 敷设于室内, 管道或隧道, 但不能承受拉力和压力。 |
| ZR-VV ₂₂ ZR-VLV ₂₂ | 铜或铝导体 PVC 绝缘钢带铠装 PVC 护套阻燃电力电缆 | 敷设于室内, 隧道或直埋, 能够承受适当压力。 |
| ZR-VV ₃₂ ZR-VLV ₃₂ | 铜或铝导体 PVC 绝缘钢丝铠装 PVC 护套阻燃电力电缆 | 敷设于室内, 矿井, 水下, 能够承受适当拉力。 |

* L: 铝导体

0.6/1kV PVC 绝缘电力电缆的结构

| No | 结构和材料 |
|----|----------------|
| 1 | 铜或铝导体 |
| 2 | PVC 绝缘 |
| 3 | PP 绳或玻璃纤维绳填充 |
| 4 | 无纺布带或玻璃纤维带 |
| 5 | 非阻燃或阻燃 PVC 垫层 |
| 6 | 钢带或钢丝铠装 |
| 7 | 非阻燃或阻燃 PVC 外护套 |



供应范围

| 型号 | 芯数 | 导体标称截面 sq.mm | |
|---|-----|--------------|------------|
| | | 铜 | 铝 |
| VV, VLV, ZR-VV, ZR-VLV | 1 | 1.5 to 630 | 1.5 to 630 |
| | 2 | 1.5 to 185 | 1.5 to 185 |
| | 3 | 1.5 to 300 | 1.5 to 300 |
| | 4 | 2.5 to 300 | 2.5 to 300 |
| VV ₂₂ , VLV ₂₂ , ZR-VV ₂₂ , ZR-VLV ₂₂ | 2 | 4 to 185 | 4 to 185 |
| VV ₃₂ , VLV ₃₂ , ZR-VV ₃₂ , ZR-VLV ₃₂ | 3、4 | 4 to 300 | 4 to 300 |

* 3+1 芯, 5 芯, 4+1 芯, 3+2 芯 PVC 电缆同样也在供应范围之内

PVC 绝缘 PVC 护套电力电缆

型号 VV, VLV, ZR-VV, ZR-VLV

| 1 芯 | | | 2 芯 | | |
|--------|--------|------|--------|--------|------|
| 导体标称截面 | 绝缘标称厚度 | 近似外径 | 导体标称截面 | 绝缘标称厚度 | 近似外径 |
| sq. mm | mm | mm | sq. mm | mm | mm |
| 1×1.5 | 0.8 | 6.1 | 2×1.5 | 0.8 | 10.5 |
| 1×2.5 | 0.8 | 6.5 | 2×2.5 | 0.8 | 11.3 |
| 1×4 | 1.0 | 7.4 | 2×4 | 1.0 | 13.1 |
| 1×6 | 1.0 | 7.9 | 2×6 | 1.0 | 14.1 |
| 1×10 | 1.0 | 9.2 | 2×10 | 1.0 | 16.7 |
| 1×16 | 1.0 | 10.3 | 2×16 | 1.0 | 18.8 |
| 1×25 | 1.2 | 12.0 | 2×25 | 1.2 | 22.2 |
| 1×35 | 1.2 | 13.2 | 2×35 | 1.2 | 24.5 |
| 1×50 | 1.4 | 14.9 | 2×50 | 1.4 | 21.8 |
| 1×70 | 1.4 | 16.7 | 2×70 | 1.4 | 24.7 |
| 1×95 | 1.6 | 19.3 | 2×95 | 1.6 | 29.2 |
| 1×120 | 1.6 | 20.9 | 2×120 | 1.6 | 31.3 |
| 1×150 | 1.8 | 23.1 | 2×150 | 1.8 | 34.7 |
| 1×185 | 2.0 | 25.6 | 2×185 | 2.0 | 37.9 |
| 1×240 | 2.2 | 28.8 | --- | --- | --- |
| 1×300 | 2.4 | 31.9 | --- | --- | --- |
| 1×400 | 2.6 | 35.5 | --- | --- | --- |
| 1×500 | 2.8 | 39.7 | --- | --- | --- |
| 1×630 | 2.8 | 43.7 | --- | --- | --- |

PVC 绝缘 PVC 护套电力电缆

型号 VV, VLV, ZR-VV, ZR-VLV

| 3 芯 | | | 4 芯 | | |
|--------|--------|------|--------|--------|------|
| 导体标称截面 | 绝缘标称厚度 | 近似外径 | 导体标称截面 | 绝缘标称厚度 | 近似外径 |
| sq.mm | mm | mm | sq.mm | mm | mm |
| 3×1.5 | 0.8 | 10.9 | --- | --- | --- |
| 3×2.5 | 0.8 | 11.8 | 4×2.5 | 0.8 | 12.7 |
| 3×4 | 1.0 | 13.7 | 4×4 | 1.0 | 14.9 |
| 3×6 | 1.0 | 14.8 | 4×6 | 1.0 | 16.1 |
| 3×10 | 1.0 | 17.6 | 4×10 | 1.0 | 19.2 |
| 3×16 | 1.0 | 19.9 | 4×16 | 1.0 | 21.7 |
| 3×25 | 1.2 | 23.6 | 4×25 | 1.2 | 25.9 |
| 3×35 | 1.2 | 26.1 | 4×35 | 1.2 | 28.7 |
| 3×50 | 1.4 | 26.5 | 4×50 | 1.4 | 30.4 |
| 3×70 | 1.4 | 28.8 | 4×70 | 1.4 | 33.9 |
| 3×95 | 1.6 | 33.6 | 4×95 | 1.6 | 39.7 |
| 3×120 | 1.6 | 37.1 | 4×120 | 1.6 | 44.2 |
| 3×150 | 1.8 | 41.9 | 4×150 | 1.8 | 48.7 |
| 3×185 | 2.0 | 45.9 | 4×185 | 2.0 | 53.5 |
| 3×240 | 2.2 | 51.8 | 4×240 | 2.2 | 55.4 |
| 3×300 | 2.4 | 55.3 | 4×300 | 2.4 | 60.2 |

PVC 绝缘钢带铠装 PVC 护套电力电缆

型号 VV₂₂, VLV₂₂, ZR-VV₂₂, ZR-VLV₂₂

| 2 芯 | | | 3 芯 | | | 4 芯 | | |
|--------|--------|------|--------|--------|------|--------|--------|------|
| 导体标称截面 | 绝缘标称厚度 | 近似外径 | 导体标称截面 | 绝缘标称厚度 | 近似外径 | 导体标称截面 | 绝缘标称厚度 | 近似外径 |
| sq. mm | mm | mm | sq. mm | mm | mm | sq. mm | mm | mm |
| 2×4 | 1.0 | 13.1 | 3×4 | 1.0 | 17.3 | 4×4 | 1.0 | 18.5 |
| 2×6 | 1.0 | 14.1 | 3×6 | 1.0 | 18.4 | 4×6 | 1.0 | 19.7 |
| 2×10 | 1.0 | 16.7 | 3×10 | 1.0 | 21.2 | 4×10 | 1.0 | 22.8 |
| 2×16 | 1.0 | 18.8 | 3×16 | 1.0 | 23.5 | 4×16 | 1.0 | 25.3 |
| 2×25 | 1.2 | 22.2 | 3×25 | 1.2 | 27.2 | 4×25 | 1.2 | 30.5 |
| 2×35 | 1.2 | 24.5 | 3×35 | 1.2 | 30.7 | 4×35 | 1.2 | 33.5 |
| 2×50 | 1.4 | 21.8 | 3×50 | 1.4 | 31.3 | 4×50 | 1.4 | 35.2 |
| 2×70 | 1.4 | 24.7 | 3×70 | 1.4 | 33.6 | 4×70 | 1.4 | 38.7 |
| 2×95 | 1.6 | 29.2 | 3×95 | 1.6 | 38.3 | 4×95 | 1.6 | 44.7 |
| 2×120 | 1.6 | 31.3 | 3×120 | 1.6 | 41.9 | 4×120 | 1.6 | 49.4 |
| 2×150 | 1.8 | 34.7 | 3×150 | 1.8 | 47.1 | 4×150 | 1.8 | 53.7 |
| 2×185 | 2.0 | 39.2 | 3×185 | 2.0 | 50.9 | 4×185 | 2.0 | 58.9 |
| --- | --- | --- | 3×240 | 2.2 | 57.0 | 4×240 | 2.2 | 61.0 |
| --- | --- | --- | 3×300 | 2.4 | 61.1 | 4×300 | 2.4 | 66.2 |

PVC 绝缘钢丝铠装 PVC 护套电力电缆

型号 VV₃₂, VLV₃₂, ZR-VV₃₂, ZR-VLV₃₂

| 2 芯 | | | 3 芯 | | | 4 芯 | | |
|------------------|--------------|------------|------------------|--------------|------------|------------------|--------------|------------|
| 导体标称截面 sq. mm | 绝缘标称厚度 mm | 近似外径 mm | 导体标称截面 sq. mm | 绝缘标称厚度 mm | 近似外径 mm | 导体标称截面 sq. mm | 绝缘标称厚度 mm | 近似外径 mm |
| 2×4 | 1.0 | 18.7 | 3×4 | 1.0 | 19.3 | 4×4 | 1.0 | 20.1 |
| 2×6 | 1.0 | 19.9 | 3×6 | 1.0 | 20.6 | 4×6 | 1.0 | 21.7 |
| 2×10 | 1.0 | 22.3 | 3×10 | 1.0 | 22.1 | 4×10 | 1.0 | 25.6 |
| 2×16 | 1.0 | 25.2 | 3×16 | 1.0 | 26.3 | 4×16 | 1.0 | 28.1 |
| 2×25 | 1.2 | 28.8 | 3×25 | 1.2 | 30.2 | 4×25 | 1.2 | 32.7 |
| 2×35 | 1.2 | 31.1 | 3×35 | 1.2 | 32.7 | 4×35 | 1.2 | 35.7 |
| 2×50 | 1.4 | 28.6 | 3×50 | 1.4 | 33.3 | 4×50 | 1.4 | 37.2 |
| 2×70 | 1.4 | 31.5 | 3×70 | 1.4 | 35.6 | 4×70 | 1.4 | 41.9 |
| 2×95 | 1.6 | 36.2 | 3×95 | 1.6 | 41.5 | 4×95 | 1.6 | 47.9 |
| 2×120 | 1.6 | 38.3 | 3×120 | 1.6 | 45.1 | 4×120 | 1.6 | 53.9 |
| 2×150 | 1.8 | 42.9 | 3×150 | 1.8 | 51.6 | 4×150 | 1.8 | 58.4 |
| 2×185 | 2.0 | 48.0 | 3×185 | 2.0 | 55.6 | 4×185 | 2.0 | 63.6 |
| --- | --- | --- | 3×240 | 2.2 | 61.7 | 4×240 | 2.2 | 65.7 |
| --- | --- | --- | 3×300 | 2.4 | 65.8 | 4×300 | 2.4 | 70.7 |