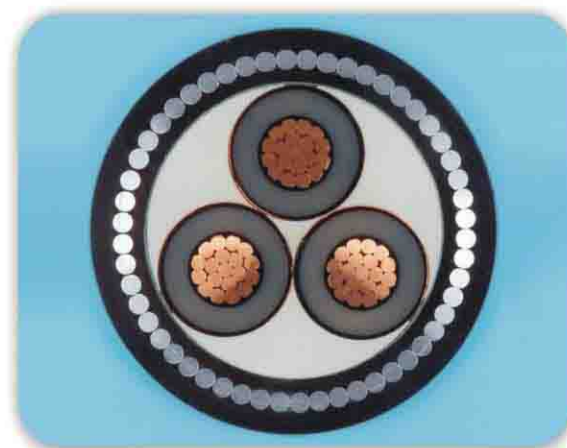


## PVC Insulated Power Cable and Fire Resistant Cable

The PVC insulated power cable and fire resistant cable are suitable for fixed laying in power transmission and distribution lines with A.C. 50Hz and voltage rating of up to or including 6kV.

### I .Performance Characteristics:

- 1.The long-term permissible operation temperature of conductor shall not be higher than 70°C.
- 2.Conductor maximum short circuit (not more than 5 seconds) temperature shall not be higher than 160°C.
- 3.The cable is not limited by drop in level when being laid, and the environment temperature shall not be 0°C.
- 4.Perfect chemical stability, resistant against acids, alkalis, grease and organic solvents, and flame retardance.
- 5.Light weight, perfect bending properties, installed and maintained easily and conveniently.



- ▶ Voltage rating: 0.6/1kV、3.6/6kV.
- ▶ Conductors: copper or aluminum.

Number of cable cores: one core (Single core), two cores (Double cores), three cores, four cores (Four Equal-section-area cores or three equal-section-area and one smaller section area neutral core), five cores (Five equal-section-area cores or three equal-section-area cores and two small area neutral cores). We provide armored type and non-armored type for the cables stated above.

- ▶ Outer sheath: PVC or PE.

Our company has been carrying out Chinese national standard GB12706 and GB12666.6 (equivalent to IEC60502 and IEC60331) for PVC insulated power cable and fire resistant cable needed by domestic customer, and for foreigner customers we can manufacture in accordance with BS, DIN and other countries standards. In addition, we can design and manufacture PVC insulated power cable with special characteristics according to needs of customers.

### II .Technical Requirements

| Cu core         | Al core           | Description of Cable  |
|-----------------|-------------------|---|
| VV<br>NH-VV     | VLV<br>NH-VLV     | Cu(Al) core PVC-insulated PVC-sheathed power cable<br>Cu(Al) core PVC-insulated PVC-sheathed fire resistant cable   |
| VY<br>NH-VY     | VLV<br>NH-VLV     | Cu(Al) core PVC-insulated PE-sheathed power cable<br>Cu(Al) core PVC-insulated PE-sheathed fire resistant power cable   |
| VV22<br>NH-VV22 | VLV22<br>NH-VLV22 | Cu(Al) core PVC-insulated steel-tape-armored PVC-sheathed power cable<br>Cu(Al) core PVC-insulated steel-tape-armored PVC-sheathed fire resistant cable             |
| VV23<br>NH-VV23 | VLV23<br>NH-VLV23 | Cu(Al) core PVC-insulated steel-tape-armored PE-sheathed power cable<br>Cu(Al) core PVC-insulated steel-tape-armored PE-sheathed fire resistant cable               |
| VV32<br>NH-VV32 | VLV32<br>NH-VLV32 | Cu(Al) core PVC-insulated fine-steel-wire-armored PVC-sheathed power cable<br>Cu(Al) core PVC-insulated fine-steel-wire-armored PVC-sheathed fire resistant cable   |
| VV33<br>NH-VV33 | VLV33<br>NH-VLV33 | Cu(Al) core PVC-insulated fine-steel-wire-armored PE-sheathed power cable<br>Cu(Al) core PVC-insulated fine-steel-wire-armored PE-sheathed fire resistant cable     |
| VV42<br>NH-VV42 | VLV42<br>NH-VLV42 | Cu(Al) core PVC-insulated thick-steel-wire-armored PVC-sheathed power cable<br>Cu(Al) core PVC-insulated thick-steel-wire-armored PVC-sheathed fire resistant cable |
| VV43<br>NH-VV43 | VLV43<br>NH-VLV43 | Cu(Al) core PVC-insulated thick-steel-wire-armored PE-sheathed power cable<br>Cu(Al) core PVC-insulated thick-steel-wire-armored PE-sheathed fire resistant cable   |