



### Voltage

0.6/1KV

### Construction

Sino-cables type power cable is constructed with concentric lay stranded copper or aluminum conductor. The conductor is extruded with PVC(polyvinyl chloride) or XLPE(cross-linked polyethylene) insulation. The insulated conductors are cabling together with non-hygroscopic fillers inside for round shape and reinforcement tape for added strength and conformity. A PVC outer jacket covers the entire assembly. If for direct burial, a galvanized steel tape and an inner PVC sheath are needed between bonding tape and the outer sheath.

### Standard

GB/T 12706; IEC60502, or other standards required by customers.

### Features

1. the operating temperature:  $-40^{\circ}\text{C}$ ---- $90^{\circ}\text{C}$ , for PVC insulated cable is  $-40$ ---- $70^{\circ}\text{C}$ .
2. When short-circuit happens(with 5s),the maximum temperature of the conductor shall not be over  $250^{\circ}\text{C}$  (PVC insulated cable is  $160^{\circ}\text{C}$ ).
3. Different level of fire resistant as NH, fire retardant as ZR, low smoke halogen free as WDZ, or other requirements by customers.
4. chemical attack resistance and rat proof and termite proof.
5. The concentric product has low impedance and excellent screening property, and meets the requirement of RoHS.

### Applications

Sino-cables type power cable is suitable for electrical energy transmission of low voltage distribution circuit.

### Package

in coil, steel and wooden reel, steel reel, wooden reel.

## Type, Description and supply range

Type	Description	Supply range
VV	Copper conductor PVC insulated PVC sheathed power cable	1 CORE: 10--630 s.q. mm multi-core: 1.5—400 s.q. mm
VLV	aluminum conductor PVC insulated PVC sheathed power cable	
VV22	Copper conductor PVC insulated steel tape armored PVC sheathed power cable	
VLV22	aluminum conductor PVC insulated steel tape armored PVC sheathed power cable	
YJV	Copper conductor XLPE insulated PVC sheathed power cable	
YJLV	aluminum conductor XLPE insulated PVC sheathed power cable	
YJV22	Copper conductor XLPE insulated steel tape armored PVC sheathed power cable	
YJLV22	aluminum conductor XLPE insulated steel tape armored PVC sheathed power cable	
<b>*for more details on cables, please feel free to consult to our sales.</b>		

