



### Voltage

450/750V or below

### Construction

Sino-cables type PVC insulated wire is constructed with copper or aluminum conductor. The insulated conductor may be extruded with PVC(polyvinyl chloride) jacket according to different usage.

### Standard

JB/T 8734; GB/T 5023; IEC60227, [or other standards required by customers.](#)

### Features

1. the permissible continuous operating temperature of conductor shall not exceed 70°C.
2. the installation temperature shall not lower than -15°C.
3. all our wires are environmental-oriented, low smoke and low halogen, they are also can be fire retardant, fire resistant, or on customers' needs.

### Applications

Sino-cables type PVC insulated wire is suitable for exposed layout or concealed layout, primarily used in the circuits of electric equipment/appliance/tools, instrument, meter, telecommunication equipment, power lighting, radio set, loudspeaker, portable electric equipment, or other usage from customers.

### Package

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

### Type, Description and Supply range

Type	Description	Supply range
BV/BLV	Copper/aluminum conductor PVC insulated wire	1-- 400s.q. mm
BVR	Copper conductor PVC insulated flexible wire	1—400 s.q. mm
BVV/BLVV	Copper/aluminum conductor PVC insulated PVC sheathed round wire	0.75----50 s.q. mm
BVVB/BLVVB	Copper/aluminum conductor PVC insulated PVC sheathed flat wire	0.75----50 s.q. mm
RV	Copper conductor PVC insulated flexible wire	0.3----70 s.q. mm
RVB/RVS	Copper conductor PVC insulated parallel/twisted flexible wire	0.3----10 s.q. mm
RVVP	Copper conductor PVC insulated tinned copper braid shielded PVC sheathed flexible wire	multicore
RVV	Copper conductor PVC insulated PVC sheathed flexible wire	multicore
RVVB	Copper conductor PVC insulated PVC sheathed flat flexible wire	2 core

**\*for more details on cables, please feel free to consult to our sales.**

### Type BV

Cross section (mm <sup>2</sup> )	Specification	Insulation thickness (mm)	Conductor resistance at 20°C	Cross section (mm <sup>2</sup> )	Specification	Insulation thickness (mm)	Conductor resistance at 20°C
1.5	1/1.38	0.7	12.1	35	7/2.52	1.2	0.524
1.5	7/0.52	0.7	12.1	50	19/1.78	1.4	0.387
2.5	1/1.78	0.8	7.41	70	19/2.14	1.4	0.268
2.5	7/0.68	0.8	7.41	95	19/2.52	1.6	0.193
4	1/2.25	0.8	4.61	120	37/2.03	1.6	0.153
4	7/0.85	0.8	4.61	150	37/2.25	1.8	0.124
6	1/2.76	0.8	3.08	185	37/2.52	2.0	0.0991
6	7/1.04	0.8	3.08	240	61/2.25	2.2	0.054
10	7/1.35	1.0	1.83	300	61/2.52	2.4	0.0601
16	7/1.70	1.0	1.15	400	61/2.85	2.6	0.0470
25	7/2.14	1.2	0.727	*All values are nominal and subject to correction.			

### Type BVR

Cross section (mm <sup>2</sup> )	Specification	Insulation thickness (mm)	conductor resistance at 20°C
1	7/0.43	0.6	18.1
1.5	7/0.52	0.7	12.1
2.5	19/0.41	0.8	7.41
4	19/0.52	0.8	4.61
6	19/0.64	0.8	3.08
10	49/0.52	1.0	1.83
16	49/0.64	1.0	1.15
25	98/0.58	1.2	0.727
35	133/0.58	1.2	0.524
50	133/0.68	1.4	0.387
70	189/0.68	1.4	0.268
95	295/0.64	1.6	0.193
120	370/0.64	1.6	0.153
150	407/0.68	1.8	0.124

\*All values are nominal and subject to correction.