



### Voltage

600V or less

### Construction

The bare flexible stranded copper conductor is insulated with ethylene-propylene rubber (EPR). Two, three or four insulated conductors are cabled together with filler and sheathed with chlorinated polyethylene.

### Standard

UL62, CSA 22.2, or other standards required by customers.

### Features

1. -40°C ---- 90°C in dry or wet locations.
2. sunlight, water, oil and weather resistant and suitable for outdoor applications.

### Applications

Sino cables type flexible and portable cord are used for industry equipment, heavy tools, battery chargers, portable lights and power extensions.

### Package

Coil, Steel /Wooden Reel ,Wooden Reel or Steel Reel.

Type	Description	Application
SJ	300V EPR insulated chlorinated polyethylene sheathed non-oil resistant flexible cable, heavy type	For movable electric tools , small motor and outdoor power supply .
SJO,SJOW, SJOO,SJOOW	300V EPR insulated chlorinated polyethylene sheathed oil resistant flexible cable ,heavy type	For movable electric tools , small motor and outdoor power supply .
SO,SOW, SOO,SOOW	600V EPR insulated chlorinated polyethylene sheathed oil resistant flexible cable, extra-heavy type	For industry equipment, heavy tools, chargers, illumination and power.
SOOW NON-UL/NON-CSA	600V EPR insulated chlorinated polyethylene sheathed oil resistant flexible cable, extra-heavy type	For industry equipment, heavy tools, chargers, illumination and power.

### Type SJ

Size	No of Cores	Stranding	Approx. Overall Diameter	Size	No of Cores	Stranding	Approx. Overall Diameter
AWG		No./mm	mm	AWG		No./mm	mm
18	2	16/0.254	7.11	14	4	41/0.254	9.91
18	3	16/0.254	7.62	12	2	65/0.254	10.29
18	4	16/0.254	8.26	12	3	65/0.254	10.80
16	2	26/0.254	7.75	12	4	65/0.254	11.81
16	3	26/0.254	8.26	10	2	104/0.254	13.72
16	4	26/0.254	8.89	10	3	104/0.254	14.35
14	2	41/0.254	8.51	10	4	104/0.254	15.88
14	3	41/0.254	9.14	---	---	---	---

### Type SJO, Type SJOW, Type SJOO ,Type SJOOW

Size	No of Cores	Stranding	Approx. Overall Diameter	Size	No of Cores	Stranding	Approx. Overall Diameter
AWG		No./mm	mm	AWG		No./mm	mm
18	2	16/0.254	7.11	14	4	41/0.254	9.91
18	3	16/0.254	7.62	12	2	65/0.254	10.29
18	4	16/0.254	8.26	12	3	65/0.254	10.80
16	2	26/0.254	7.75	12	4	65/0.254	11.81
16	3	26/0.254	8.26	10	2	104/0.254	13.72
16	4	26/0.254	8.89	10	3	104/0.254	14.35
14	2	41/0.254	8.51	10	4	104/0.254	15.88
14	3	41/0.254	9.14	---	---	---	---

\*All values are nominal and subject to correction.

### Type SOOW, NON-UL/NON-CSA

Size	No of Cores	Stranding	Approx. Overall Diameter	Size	No of Cores	Stranding	Approx. Overall Diameter
AWG		No./mm	mm	AWG		No./mm	mm
8	2	65/0.404	15.62	4	2	133/0.455	22.86
8	3	65/0.404	16.64	4	3	133/0.455	24.26
8	4	65/0.404	18.16	4	4	133/0.455	26.67
8	5	65/0.404	19.94	4	5	133/0.455	29.34
6	2	133/0.361	17.53	2	2	133/0.566	26.04
6	3	133/0.361	18.54	2	3	133/0.566	27.69
6	4	133/0.361	21.46	2	4	133/0.566	30.48
6	5	133/0.361	23.5	2	5	133/0.566	33.66

### Type SO, Type SOW, Type SOO ,Type SOOW

Size	No of Cores	Stranding	Approx. Overall Diameter	Size	No of Cores	Stranding	Approx. Overall Diameter
AWG		No./mm	mm	AWG		No./mm	mm
18	2	16/0.254	8.64	10	3	104/0.254	16.51
18	3	16/0.254	9.14	10	4	104/0.254	17.78
18	4	16/0.254	9.78	10	5	104/0.254	19.30
18	5	16/0.254	11.68	8	2	65/0.404	19.81
16	2	26/0.254	9.27	8	3	65/0.404	21.21
16	3	26/0.254	9.78	8	4	65/0.404	23.62
16	4	26/0.254	10.41	8	5	65/0.404	25.40
16	5	26/0.254	12.45	6	2	105/0.404	23.37
14	2	41/0.254	12.57	6	3	105/0.404	24.64
14	3	41/0.254	13.21	6	4	105/0.404	26.67
14	4	41/0.254	14.22	6	5	105/0.404	29.97
14	5	41/0.254	16.00	4	2	171/0.404	26.92
12	2	65/0.254	14.35	4	3	171/0.404	28.70
12	3	65/0.254	14.99	4	4	171/0.404	31.75
12	4	65/0.254	16.26	2	2	266/0.404	30.73
12	5	65/0.254	17.78	2	3	266/0.404	33.12
10	2	104/0.254	15.62	2	4	266/0.404	36.83

\*All values are nominal and subject to correction.