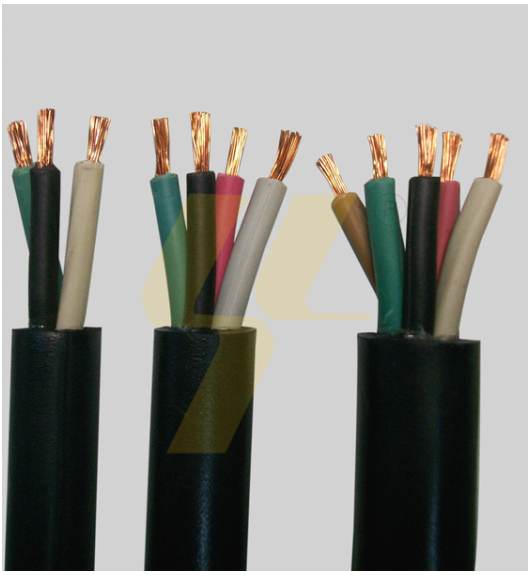
Portable Cord



Construction: The flexible 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.

Application ： This product is used for industry equipment, heavy tools, battery chargers, portable lights and power extensions.

Rated Voltage ： 300 V SJ, SJO, SJOW, SJOO, SJOOW

600V SO, SOW, SOO, SOOW

Operating Temperature: Max permissible continuous operating temperature of conductor
-40℃—60℃ for Type SJ cable;
-40℃—90℃ for the others.

Bending Radius: 5D, D = Actual outer diameter of cable (mm)

Standard： UL62-2000 or other standards required by customers.

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

Type, Description and Application

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.

Supply Range

Type	Rated Voltage（V）	No of Cores	Size（AWG）
SJ	300	2 to 4	18 to 10
SJO、SJOW、SJOO 、SJOOW	300	2 to 4	18 to 10
SO、SOW、SOO、SOOW	600	2 to 5	18 to 2
SOOW NON-UL/NON-CSA	600	2 to 5	8 to 2

Technical Characteristics, 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	---	---	---	---

Technical Characteristics, 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	---	---	---	---

Technical Characteristics, 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/.0404	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	23.50	2	5	133/0.566	33.66

Technical Characteristics, 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