

# TYPE SJ00W 300V

## Portable cord and control cable

### SPECIFICATIONS & STANDARDS

UL 62 and CAN/CSA-C 22.2 No 49

#### CONSTRUCTION:

<b>Conductors:</b>	Flexible stranded bare or tin-coated copper in accordance with ASTM B-174 and UL 62
<b>Insulation:</b>	EP compound class 2.5A 90°C of UL 62
<b>Color code:</b>	2/C black, white 3/C black, white, green 4/C black, white, red, green 5/C black, white, red, green, orange
<b>Separator:</b>	Paper tape or polyester tape
<b>Assembly:</b>	Insulated conductors cabled together with rubber or paper fillers as needed
<b>Jacket:</b>	CPE or CP compound class 1.10 90°C of UL 62
<b>Color of jacket:</b>	Black, other colors available upon request



FEATURES	APPLICATION
<ul style="list-style-type: none"><li>- Excellent flexibility, resistance to oil, solvents, ozone, weather, sunlight and water</li><li>- Flame test: meets VW-1, FT2, MSHA</li><li>- Temperature range: -40°C to +90°C</li></ul>	<ul style="list-style-type: none"><li>- Industrial and processing equipment, cranes and hoists, track systems, tools, construction equipment, motors and associated machinery, garage portable lights, battery charger and equipment exposed to oils, solvents, flame, moisture and other electrical equipment.</li></ul>

#### APPROVALS:

<b>MSHA:</b>	<b>P-7K-254013 (CPE)</b>
<b>UL:</b>	<b>E123366 (CPE)</b>
<b>CSA:</b>	<b>1534535 (LL 103932) (CPE)</b>

**Standard length cable packing:** 1000 ft reels. Other forms of packaging available upon request.

# TYPE SJOOW 300V

Part Number	Conductor Size	No of Conductors	Conductor Stranding	Nominal Insulation Thickness		Nominal Jacket Thickness		Approx. O.D.		Approx. Weight lbs/1000 ft	Ampacity (1) 30°C Ambient Temp. A
				inches	mm	inches	mm	inches	mm		
SJOOW18-2	18	2	16 / 30	0.030	0.76	0.030	0.76	0,28	7,2	42	10
SJOOW18-3		3	16 / 30	0.030	0.76	0.030	0.76	0,30	7,7	52	10
SJOOW18-4		4	16 / 30	0.030	0.76	0.030	0.76	0,33	8,4	63	7
SJOOW18-5		5	16 / 30	0.030	0.76	0.030	0.76	0,36	9,0	78	5,6
SJOOW16-2	16	2	26 / 30	0.030	0.76	0.030	0.76	0,31	7,9	53	13
SJOOW16-3		3	26 / 30	0.030	0.76	0.030	0.76	0,33	8,4	66	13
SJOOW16-4		4	26 / 30	0.030	0.76	0.030	0.76	0,36	9,1	83	10
SJOOW16-5		5	26 / 30	0.030	0.76	0.030	0.76	0,39	10,0	103	8
SJOOW14-2	14	2	41 / 30	0.030	0.76	0.030	0.76	0,34	8,7	68	18
SJOOW14-3		3	41 / 30	0.030	0.76	0.030	0.76	0,36	9,2	88	18
SJOOW14-4		4	41 / 30	0.030	0.76	0.030	0.76	0,40	10,1	110	15
SJOOW14-5		5	41 / 30	0.030	0.76	0.030	0.76	0,44	11,1	137	12
SJOOW12-2	12	2	65 / 30	0.030	0.76	0.045	1.14	0,41	10,4	104	25
SJOOW12-3		3	65 / 30	0.030	0.76	0.045	1.14	0,43	10,9	131	25
SJOOW12-4		4	65 / 30	0.030	0.76	0.045	1.14	0,47	11,9	163	20
SJOOW12-5		5	65 / 30	0.030	0.76	0.045	1.14	0,51	12,9	200	165
SJOOW10-2	10	2	103 / 30	0.045	1.14	0.060	1.52	0,54	13,8	177	30
SJOOW10-3		3	103 / 30	0.045	1.14	0.060	1.52	0,58	14,6	225	30
SJOOW10-4		4	103 / 30	0.045	1.14	0.060	1.52	0,63	16,0	279	25

(1) Ampacity – Free air measured. Based on continuous duty at 90°C conductor temperature.

## STANDARD PRINT LEGEND:

(SIZE) (UL) TYPE SJOOW E123366 90C SUN & WATER RES 300V CSA TYPE  
SJOOW 90C LL 103932 FT-2 -40C P-7K-254013 MSHA