

# SJ00W 300V Portable Power Cable 90°C



## APPLICATION:

Portable tools, equipment, small motors and associated machinery, appliances, equipment exposed to oils, solvents, flame, moisture and other electrical equipment where flexibility and durability are required. For applications up to 300 volts and for temperatures of -40°C to +90°C.

## CONDUCTORS:

- Flexible stranded bare copper in accordance with ASTM B-174 and UL 62

## INSULATION:

- Premium grade color coded Ethylene Propylene Diene Monomer (EPDM) insulation or Ethylene Propylene Rubber (EPR) compound class 19 of Table 8 of UL 62

## JACKET:

- Overall jacket of black Chlorinated Polyethylene (CPE), which is oil, solvents, ozone, weather, sunlight, and water resistant. Other colors available on request
- CPE compound Class 1.12 90°C comply with Table 11 of UL 62

## STANDARDS:

- UL 62
- CSA C22.2 No. 49
- Flame test meets FT2, and MSHA
- OSHA accepted

## COLOR CODE:

### ICEA S-58-679, Method 1, Table 1

No. of Conductors	Color
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green

Part Number	Conductor Size	No. of Conductors	Conductor Stranding	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Overall Diameter		Weight lbs/kft	Ampacity** 30°C Ambient
	AWG			Inches	mm	Inches	mm	Inches	mm		
18-02SJ00W	18	2	16/30	0.030	0.76	0.030	0.76	0.280	7.11	50	10
18-03SJ00W	18	3	16/30	0.030	0.76	0.030	0.76	0.300	7.62	60	10
18-04SJ00W	18	4	16/30	0.030	0.76	0.030	0.76	0.330	8.38	71	7
16-02SJ00W	16	2	26/30	0.030	0.76	0.030	0.76	0.310	7.87	53	13
16-03SJ00W	16	3	26/30	0.030	0.76	0.030	0.76	0.330	8.38	66	13
16-04SJ00W	16	4	26/30	0.030	0.76	0.030	0.76	0.360	9.14	83	10
14-02SJ00W	14	2	41/30	0.030	0.76	0.030	0.76	0.340	8.64	80	18
14-03SJ00W	14	3	41/30	0.030	0.76	0.030	0.76	0.360	9.14	88	18
14-04SJ00W	14	4	41/30	0.030	0.76	0.030	0.76	0.400	10.16	110	15
12-02SJ00W	12	2	41/30	0.030	0.76	0.045	1.14	0.410	10.41	104	25
12-03SJ00W	12	3	41/30	0.030	0.76	0.045	1.14	0.430	10.92	131	25
12-04SJ00W	12	4	41/30	0.030	0.76	0.045	1.14	0.470	11.94	163	20
10-02SJ00W	10	2	103/30	0.045	1.14	0.060	1.52	0.540	13.72	177	30
10-03SJ00W	10	3	103/30	0.045	1.14	0.060	1.52	0.580	14.73	225	30
10-04SJ00W	10	4	103/30	0.045	1.14	0.060	1.52	0.630	16.00	279	25

All values are nominal and subject to correction

\*\* Ampacity values shown are for current carrying conductors. A grounding conductor, or one which carries only the unbalanced current from other conductors, is NOT counted in determining current carrying capacity.



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