



### 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

### DIMENSIONS:

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

10-02SJOOW	10	2	103/30	0.045	1.14	0.060	1.52	0.540	13.72	177	30
10-03SJOOW	10	3	103/30	0.045	1.14	0.060	1.52	0.580	14.73	225	30
10-04SJOOW	10	4	103/30	0.045	1.14	0.060	1.52	0.630	16.00	279	25