

# PORTABLE CORD



- ▶ **Type W**
- ▶ **Multi-Conductor**
- ▶ **EPDM**
- ▶ **600V – 2kV**

## PRODUCT CONSTRUCTION

**Conductor:** 8 AWG through 500 kcmil, fully annealed, stranded, bare copper.

**Insulation:** Premium-grade, color-coded 90°C EPDM.

**Jacket:** 90°C, black. Temperature range: -40°C to +90°C.

## COLOR CODE\*

**2 Conductors:** Black, white

**3 Conductors:** Black, white, green

**4 Conductors:** Black, white, red, green

**5 Conductors:** Black, white, red, green

## APPLICATIONS

For use in industrial and light- to medium-duty mining applications; heavy-duty service as power supply cable; grounded and ungrounded AC systems; mobile and portable electrical equipment; motor and battery leads; two-conductor cables (DC or AC single-phase systems where grounding is not required); three-conductor cables (use on AC systems where no grounding is required or on DC systems with one conductor for grounding); four-conductor cables (use on two- or three-phase AC systems with one conductor used for grounding; five-conductor cables (use in applications where separating the system neutral from the frame ground is required).

## FEATURES

Sunlight resistant. Designed to withstand severe environmental conditions and exposure to oil, acid, alkalis, heat, moisture and most chemicals. Excellent impact resistance. Cable core bound for superior flexibility and toughness. Rope lay stranding for maximum flex life.

## COMPLIANCES

**Industry:** CSA, UL Type W, MSHA approved, RoHS compliant

USAWC Part #	Size (AWG or kcmil)	No. of Cond.	Cond. Strand	Nominal Conductor O.D.		Nominal Insulation Thickness		Nominal O.D.		Current Amos <sup>†</sup>	Approx. Net Wt. Lbs./M**
				(Inches)	(mm)	(Inches)	(mm)	(Inches)	(mm)		
<b>Two Conductor – Type W – 2kV</b>											
USA8-02W	8	2	133	0.160	4.06	0.060	1.52	0.770	19.56	74	325
USA6-02W	6	2	259	0.198	5.03	0.060	1.52	0.910	23.11	99	470
USA4-02W	4	2	259	0.245	6.22	0.060	1.52	1.020	25.91	130	620
USA2-02W	2	2	259	0.297	7.54	0.080	2.03	1.210	30.73	174	935
USA1-02W	1	2	259	0.353	8.97	0.080	2.03	1.370	34.80	202	1305
USA1/0-02W	1/0	2	259	0.385	9.78	0.080	2.03	1.435	36.45	234	1555
USA2/0-02W	2/0	2	259	0.442	11.23	0.080	2.03	1.555	39.50	271	1860
USA3/0-02W	3/0	2	259	0.480	12.19	0.080	2.03	1.670	42.42	313	2230
USA4/0-02W	4/0	2	259	0.555	14.10	0.080	2.03	1.815	46.10	361	2655
<b>Three Conductor – Type W – 2kV</b>											
USA8-03W	8	3	133	0.160	4.06	0.060	1.52	0.925	23.50	74	470
USA6-03W	6	3	259	0.198	5.03	0.060	1.52	0.995	25.27	99	625
USA4-03W	4	3	259	0.245	6.22	0.060	1.52	1.095	27.81	130	810
USA2-03W	2	3	259	0.297	7.54	0.080	2.03	1.285	32.64	174	1190
USA1-03W	1	3	259	0.353	8.97	0.080	2.03	1.445	36.70	202	1655
USA1/0-03W	1/0	3	259	0.385	9.78	0.080	2.03	1.555	39.50	234	1965
USA2/0-03W	2/0	3	259	0.442	11.23	0.080	2.03	1.670	42.42	271	2350
USA3/0-03W	3/0	3	259	0.480	12.19	0.080	2.03	1.815	46.10	313	2890
USA4/0-03W	4/0	3	259	0.555	14.10	0.080	2.03	1.930	49.02	361	3285
USA250-03W	250	3	627	0.615	15.62	0.095	2.41	2.390	60.71	402	5070
USA350-03W	350	3	855	0.725	18.42	0.095	2.41	2.680	68.07	495	6570
USA500-03W	500	3	1235	0.880	22.35	0.095	2.41	3.030	76.96	613	8700
<b>Four Conductor – Type W – 2kV</b>											
USA8-04W	8	4	133	0.160	4.06	0.060	1.52	0.980	24.89	65	615
USA6-04W	6	4	259	0.198	5.03	0.060	1.52	1.070	27.18	87	800
USA4-04W	4	4	259	0.245	6.22	0.060	1.52	1.210	30.73	114	1040
USA2-04W	2	4	259	0.297	7.54	0.080	2.03	1.435	36.45	152	1580
USA1-04W	1	4	259	0.353	8.97	0.080	2.03	1.595	40.51	177	2045
USA1/0-04W	1/0	4	259	0.385	9.78	0.080	2.03	1.705	43.31	205	2430
USA2/0-04W	2/0	4	259	0.442	11.23	0.080	2.03	1.845	46.86	237	2950
USA3/0-04W	3/0	4	259	0.480	12.19	0.080	2.03	1.965	49.91	274	3430
USA4/0-04W	4/0	4	259	0.555	14.10	0.080	2.03	2.145	54.48	316	3885
<b>Five Conductor – Type W – 2kV</b>											
USA8-05W	8	5	133	0.160	4.06	0.060	1.52	1.030	26.16	52	650
USA6-05W	6	5	259	0.198	5.03	0.060	1.52	1.170	29.72	69	915
USA4-05W	4	5	259	0.245	6.22	0.060	1.52	1.360	34.54	91	1320
USA2-05W	2	5	259	0.297	7.54	0.080	2.03	1.595	40.51	121	1925
USA1-05W	1	5	259	0.353	8.97	0.080	2.03	1.820	46.23	141	2675
USA1/0-05W	1/0	5	259	0.385	0.78	0.080	2.03	1.900	48.26	164	2885
USA2/0-05W	2/0	5	259	0.442	11.23	0.080	2.03	2.060	52.32	189	3630
USA3/0-05W	3/0	5	259	0.480	12.19	0.080	2.03	2.260	57.40	219	4900
USA4/0-05W	4/0	5	259	0.555	14.10	0.080	2.03	2.460	62.48	252	5980

<sup>†</sup>Ampacities based on 90°C conductor and 30°C ambient temperature per Table 400.5(B) of the National Electrical Code<sup>®</sup>

\*Green conductor for grounding only. \*\*Actual shipping weight may vary