

# Portable Cord

Type W,  
Multi-Conductor,  
EPDM, 600V-2kV



## PRODUCT CONSTRUCTION

**Conductor:** 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.

## 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, alkalies, 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

## COLORS

- 2 Conductors:** Black, white
- 3 Conductors:** Black, white, green
- 4 Conductors:** Black, white, red, green
- 5 Conductors:** Black, white, red, green

COPPER WIRE AND CABLEPART #	SIZE (AWG OR KCMIL)	NO. OF COND.	COND. STRAND	NOMINAL COND. O.D		NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS <sup>†</sup>	APPROX. NET WT. LBS./M**
				(Inches)	(mm)	(Inches)	(mm)	(Inches)	(mm)		
<b>Two Conductor – Type W – 2kV</b>											
CWC 8-02W	8	2	133	0.60	4.6	0.60	1.2	0.70	19.6	74	325
CWC 6-02W	6	2	259	0.198	5.03	0.060	1.52	0.910	23.11	99	470
CWC 4-02W	4	2	259	0.245	6.22	0.060	1.52	1.020	25.91	130	620
CWC 2-02W	2	2	259	0.297	7.54	0.080	2.03	1.210	30.73	174	935
CWC 1-02W	1	2	259	0.353	8.97	0.080	2.03	1.370	34.80	202	1305
CWC 1/0-02W	1/0	2	259	0.385	9.78	0.080	2.03	1.435	36.45	234	1555
CWC 2/0-02W	2/0	2	259	0.442	11.23	0.080	2.03	1.555	39.50	271	1860
CWC 3/0-02W	3/0	2	259	0.480	12.19	0.080	2.03	1.670	42.42	313	2230
CWC 4/0-02W	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>											
CWC 8-03W	8	3	133	0.160	4.06	0.060	1.52	0.925	23.50	74	470
CWC 6-03W	6	3	259	0.198	5.03	0.060	1.52	0.995	25.27	99	625
CWC 4-03W	4	3	259	0.245	6.22	0.060	1.52	1.095	27.81	130	810
CWC 2-03W	2	3	259	0.297	7.54	0.080	2.03	1.285	32.64	174	1190
CWC 1-03W	1	3	259	0.353	8.97	0.080	2.03	1.445	36.70	202	1655
CWC 1/0-03W	1/0	3	259	0.385	9.78	0.080	2.03	1.555	39.50	234	1965
CWC 2/0-03W	2/0	3	259	0.442	11.23	0.080	2.03	1.670	42.42	271	2350
CWC 3/0-03W	3/0	3	259	0.480	12.19	0.080	2.03	1.815	46.10	313	2890
CWC 4/0-03W	4/0	3	259	0.555	14.10	0.080	2.03	1.930	49.02	361	3285
CWC 250-03W	250	3	627	0.615	15.62	0.095	2.41	2.390	60.71	402	5070
CWC 350-03W	350	3	855	0.725	18.42	0.095	2.41	2.680	68.07	495	6570
CWC 500-03W	500	3	1235	0.880	22.35	0.095	2.41	3.030	76.96	613	8700
<b>Four Conductor – Type W – 2kV</b>											
CWC 8-04W	8	4	133	0.160	4.06	0.060	1.52	0.980	24.89	65	615
CWC 6-04W	6	4	259	0.198	5.03	0.060	1.52	1.070	27.18	87	800
CWC 4-04W	4	4	259	0.245	6.22	0.060	1.52	1.210	30.73	114	1040
CWC 2-04W	2	4	259	0.297	7.54	0.080	2.03	1.435	36.45	152	1580
CWC 1-04W	1	4	259	0.353	8.97	0.080	2.03	1.595	40.51	177	2045
CWC 1/0-04W	1/0	4	259	0.385	9.78	0.080	2.03	1.705	43.31	205	2430
CWC 2/0-04W	2/0	4	259	0.442	11.23	0.080	2.03	1.845	46.86	237	2950
CWC 3/0-04W	3/0	4	259	0.480	12.19	0.080	2.03	1.965	49.91	274	3430
CWC 4/0-04W	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>											
CWC 8-05W	8	5	133	0.160	4.06	0.060	1.52	1.030	26.16	52	650
CWC 6-05W	6	5	259	0.198	5.03	0.060	1.52	1.170	29.72	69	915
CWC 4-05W	4	5	259	0.245	6.22	0.060	1.52	1.360	34.54	91	1320
CWC 2-05W	2	5	259	0.297	7.54	0.080	2.03	1.595	40.51	121	1925
CWC 1-05W	1	5	259	0.353	8.97	0.080	2.03	1.820	46.23	141	2675
CWC 1/0-05W	1/0	5	259	0.385	0.78	0.080	2.03	1.900	48.26	164	2885
CWC 2/0-05W	2/0	5	259	0.442	11.23	0.080	2.03	2.060	52.32	189	3630
CWC 3/0-05W	3/0	5	259	0.480	12.19	0.080	2.03	2.260	57.40	219	4900
CWC 4/0-05W	4/0	5	259	0.555	14.10	0.080	2.03	2.460	62.48	252	5980