

# Portable Cord

Type W 2kV, Single Conductor, Type RHH/RHW, 600V

## PRODUCT CONSTRUCTION

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

**Insulation:** Premium-grade 90°C EPDM.

**Cable Reinforcement:** An open polyester braid reinforcement is applied between the insulation and jacket for mechanical strength.

**Jacket:** 90°C, black. Temperature range: -40°C to +90°C. Voltage rating: 600V –Type RHH/RHW; 2kV –Type W.



## APPLICATIONS

For use in portable power systems and entertainment industry activities such as theater, television, films, night clubs, mobile communication vans, spotlights and sound systems. Also for use in similar applications that require permanent or temporary power. Can be used in the permanent wiring of 600V power supplies, hoists, cranes and other applications where flexible power leads must be installed in conduit or raceways.

## FEATURES

Water and sunlight resistant. Designed to withstand severe environmental conditions. Withstands exposure to oil, acids, alkalies, heat, flame, moisture and chemicals. Meets or exceeds flame test requirements of MSHA and UL.

## COMPLIANCES

**Industry:** UL Type W, UL Type RHH or RHW, MSHA approved, RoHS compliant

COPPER WIRE AND CABLE PART #	SIZE (AWG OR KCMIL)	NO. OF COND.	COND. STRAND	NOMINAL COND. O.D.		NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS		APPROX. NET WT.* (LBS./1000 FT.)
				(Inches)	(mm)	(Inches)	(mm)	(Inches)	(mm)	(1)	(2)	
<b>CWC 8-01W</b>	8	1	133	0.167	4.24	0.070	1.78	0.485	12.32	55	80	150
<b>CWC 6-01W</b>	6	1	259	0.210	5.33	0.070	1.78	0.565	14.35	75	105	214
<b>CWC 4-01W</b>	4	1	259	0.245	6.22	0.070	1.78	0.605	15.37	95	140	277
<b>CWC 2-01W</b>	2	1	259	0.334	8.48	0.070	1.78	0.680	17.27	130	190	387
<b>CWC 1-01W</b>	1	1	259	0.375	9.53	0.090	2.29	0.765	19.43	150	220	485
<b>CWC 1/0-01W</b>	1/0 <sup>†</sup>	1	259	0.385	9.78	0.090	2.29	0.810	20.57	170	260	563
<b>CWC 2/0-01W</b>	2/0 <sup>†</sup>	1	259	0.475	12.07	0.090	2.29	0.885	22.48	195	300	679
<b>CWC 3/0-01W</b>	3/0 <sup>†</sup>	1	259	0.480	12.19	0.090	2.29	0.930	23.62	225	350	809
<b>CWC 4/0-01W</b>	4/0 <sup>†</sup>	1	259	0.570	14.48	0.090	2.29	0.980	24.89	260	405	973
<b>CWC 250-01W</b>	250 <sup>†</sup>	1	627	0.615	15.62	0.105	2.67	1.045	26.54	290	455	1155
<b>CWC 35001W</b>	350 <sup>†</sup>	1	855	0.725	18.42	0.105	2.67	1.145	29.08	350	570	1492
<b>CWC 500-01W</b>	500 <sup>†</sup>	1	1235	0.880	22.35	0.105	2.67	1.310	33.27	430	700	2048

(1) Ampacities based on 90°C conductor and 30°C ambient temperature based on Table 310-16 in the National Electrical Cod © for RHH/RHW with not more than three current-carrying conductors in raceway, cable or earth.

(2) Ampacities based on 90°C conductor and 30°C ambient temperature based on Table 310-17 and Table 400.5(B) in the National Electrical Cod © for single-conductor cables.

\*Actual shipping weight may vary.

†Designated for CT use.