

# Portable Cord

Type DLO, Type RHH/RHW-2, EPR/XL-CPE, 600V-2kV

## PRODUCT CONSTRUCTION

**Conductor:** 14 AWG through 1111.1 kcmil Class I, fully annealed, flexible, stranded, tin-coated copper per AAR 589.

**Insulation:** Flame-retardant, cross-linked Ethylene Propylene (EP) with separator tape over the conductor to facilitate stripping.

**Jacket:** Black, flame-retardant, sunlight-, ozone- and oil resistant, lead-free Cross-linked Chlorinated Polyethylene (XL-CPE). Other jacket colors available upon request



## APPLICATIONS

For use up to 2 kV as power cables in wind turbine generator applications per UL Subject 6140. Also for use in diesel electric locomotives, mining and earth-moving equipment, and general purpose use as flexible power leads in cable trays (sizes 1/0 AWG and larger).

## FEATURES

Resists oil, heat, flame, gear lubricants, ozone and sunlight. Designed to withstand continuous flexing. 90°C wet or dry temperature rating. Flexible tinned copper stranding.

## COMPLIANCES

**Industry:** Type RHH/RHW-2 per UL 44, UL File #E90494. c(UL)US Type RW90 per CSA C.22.2-38, UL File #E90494. ICEA S-95-658/NEMA WC70. For CT Use on 1/0 AWG and larger in accordance with NEC®. Accepted for listing as flame resistant by MSHA. RoHS compliant.

**Flame Test:** UL 2556 VW-1, IEEE 1202/CSA FT4 for sizes 1/0 AWG and larger.

COPPER WIRE AND CABLE PART #	SIZE (AWG OR KCMIL)	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL O.D.		CURRENT AMPS		APPROX. NET WT.* (LBS./1000 FT.)
			(Inches)	(mm)	(Inches)	(mm)	(1)	(2)	
CWC 14-01DLO	14	19/0.0147	0.045	1.1	0.20	5.1	25	35	30
CWC 12-01DLO	12	19/0.0185	0.045	1.1	0.22	5.6	30	40	39
CWC 10-01DLO	10	27/24	0.045	1.1	0.25	6.4	40	55	56
CWC 8-01DLO	8	37/24	0.055	1.4	0.33	8.3	55	80	87
CWC 6-01DLO	6	61/24	0.060	1.5	0.38	9.7	75	105	131
CWC 4-01DLO	4	105/24	0.060	1.5	0.46	11.7	95	140	202
CWC 2-01DLO	2	154/24	0.060	1.5	0.51	13.0	130	190	285
CWC 1-01DLO	1	224/24	0.080	2.0	0.64	16.3	150	220	417
CWC 1/0-01DLO	1/0	280/24	0.080	2.0	0.70	17.8	170	260	494
CWC 2/0-01DLO	2/0	329/24	0.080	2.0	0.73	18.5	195	300	587
CWC 3/0-01DLO	3/0	456/24	0.080	2.0	0.80	20.3	225	350	718
CWC 4/0-01DLO	4/0	551/24	0.080	2.0	0.84	21.3	260	405	845
CWC 262-01DLO	262.6	650/24	0.090	2.3	0.94	23.9	296	467	1050
CWC 313-01DLO	313.3	777/24	0.090	2.3	1.00	25.3	326	522	1185
CWC 373-01DLO	373.7	925/24	0.090	2.3	1.06	26.9	362	591	1384
CWC 444-01DLO	444.4	110/24	0.090	2.3	1.11	28.2	400	652	1634
CWC 535-01DLO	535.3	1332/24	0.090	2.3	1.20	30.5	445	728	1925
CWC 646-01DLO	646.4	1609/24	0.090	2.3	1.29	32.8	493	815	2307
CWC 777-01DLO	777.7	1924/24	0.090	2.3	1.38	35.1	546	904	2728
CWC 929-01DLO	929.9	2318/24	0.090	2.3	1.56	39.6	602	1014	3570
CWC 1111-01DLO	1111.1	2745/24	0.115	2.9	1.77	44.9	635	1115	4232

Dimensions and weights are nominal and are subject to industry tolerances

(1) Ampacities based on 90°C conductor and 30°C ambient temperature, based on the National Electrical Code® for not more than three current-carrying conductors in raceway, cable or earth.

(2) Ampacities based on single-conductor in free air, 90°C conductor temperature and an ambient air temperature of 30°C, in accordance with the National Electrical Code®.

\*Actual shipping weight may vary.