

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.

USAWC 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)	
USA14-01DLO	14	19/0.0147	0.045	1.1	0.20	5.1	25	35	30
USA12-01DLO	12	19/0.0185	0.045	1.1	0.22	5.6	30	40	39
USA10-01DLO	10	27/24	0.045	1.1	0.25	6.4	40	55	56
USA8-01DLO	8	37/24	0.055	1.4	0.33	8.3	55	80	87
USA6-01DLO	6	61/24	0.060	1.5	0.38	9.7	75	105	131
USA4-01DLO	4	105/24	0.060	1.5	0.46	11.7	95	140	202
USA2-01DLO	2	154/24	0.060	1.5	0.51	13.0	130	190	285
USA1-01DLO	1	224/24	0.080	2.0	0.64	16.3	150	220	417
USA1/0-01DLO	1/0	280/24	0.080	2.0	0.70	17.8	170	260	494
USA2/0-01DLO	2/0	329/24	0.080	2.0	0.73	18.5	195	300	587
USA3/0-01DLO	3/0	456/24	0.080	2.0	0.80	20.3	225	350	718
USA4/0-01DLO	4/0	551/24	0.080	2.0	0.84	21.3	260	405	845
USA262-01DLO	262.6	650/24	0.090	2.3	0.94	23.9	296	467	1050
USA313-01DLO	313.3	777/24	0.090	2.3	1.00	25.3	326	522	1185
USA373-01DLO	373.7	925/24	0.090	2.3	1.06	26.9	362	591	1384
USA444-01DLO	444.4	1110/24	0.090	2.3	1.11	28.2	400	652	1634
USA535-01DLO	535.3	1332/24	0.090	2.3	1.20	30.5	445	728	1925
USA646-01DLO	646.4	1609/24	0.090	2.3	1.29	32.8	493	815	2307
USA777-01DLO	777.7	1924/24	0.090	2.3	1.38	35.1	546	904	2728
USA929-01DLO	929.9	2318/24	0.090	2.3	1.56	39.6	602	1014	3570
USA1111-01DLO	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.