

# Single Conductor

RHH or RHW-2 USE-2 EPR/XL-CPE

## PRODUCT CONSTRUCTION

**Conductor:** 14 AWG through 1000 kcmil tin-coated, copper, compressed, Class B stranding per ASTM B33 and B8

**Insulation:** Lead-free, ethylene propylene rubber (EPR) colored to contrast with black, lead-free cross-linked chlorinated polyethylene (XL-CPE) jacket.

**Options:** Colored jackets available; 2kV-rated cables.

## APPLICATIONS

Ideally suited for use in a broad range of commercial, industrial and utility applications where reliability is a concern and maximum performance is demanded. For use in free air, raceways and direct burial. For use in aerial, conduit, open tray and underground installations.

## FEATURES

Resistant to water and sunlight. 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: ICEA S-95-658, NEMA WC70. For CT use on 1/0 and larger in accordance with the NEC®. UL 44 Type RHH/RHW-2, UL File #E90494, UL 854, Type USE-2, UL File #E90499.

Flame Test: UL 1581 VW-1, IEEE 1202/CSA FT4.

Other: EPA 40 CFR, Part 261 for leachable lead content per TCLP; OSHA acceptable; RoHS compliant



COPPER WIRE AND CABLE PART #	Size (AWG or kcmil)	Cond. Strand	Nominal Cond. Diameter		Min. Avg. Insulation				Min. Avg. Jacket				Copper Weight		Net Weight	
			(in)	(mm)	Thickness		Diameter		Thickness		Diameter		(lbs./100)	kg/km	(lbs./100)	kg/km
					(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)				

14 AWG – 1000 kcmil Conductors

<b>CWC 14-01EPR-CPE</b>	14	7/.0242	0.07	1.78	0.030	0.76	0.14	3.56	0.015	0.38	0.17	4.32	13	19	24	36
<b>CWC 12-01EPR-CPE</b>	12	7/.0305	0.09	2.29	0.030	0.76	0.16	4.06	0.015	0.38	0.19	4.83	20	30	33	49
<b>CWC 10-01EPR-CPE</b>	10	7/.0385	0.12	3.05	0.030	0.76	0.18	4.57	0.015	0.38	0.21	5.33	32	48	48	71
<b>CWC 8-01EPR-CPE</b>	8	7/.0486	0.15	3.81	0.045	1.14	0.24	6.10	0.015	0.38	0.28	7.11	50	75	77	115
<b>CWC 6-01EPR-CPE</b>	6	7/.0612	0.18	4.57	0.045	1.14	0.28	7.11	0.030	0.76	0.35	8.89	81	121	122	182
<b>CWC 4-01EPR-CPE</b>	4	7/.0772	0.23	5.84	0.045	1.14	0.33	8.38	0.030	0.76	0.39	9.91	129	192	178	265
<b>CWC 2-01EPR-CPE</b>	2	7/.0974	0.29	7.37	0.045	1.14	0.39	9.91	0.030	0.76	0.46	11.68	205	305	265	394
<b>CWC 1/0-01EPR-CPE</b>	1/0	19/.0740	0.37	9.40	0.055	1.40	0.48	12.19	0.045	1.14	0.58	14.73	326	485	422	628
<b>CWC 2/0-01EPR-CPE</b>	2/0	19/.0837	0.41	10.41	0.055	1.40	0.53	13.46	0.045	1.14	0.63	16.00	411	612	518	771
<b>CWC 4/0-01EPR-CPE</b>	4/0	19/.1055	0.52	13.21	0.055	1.40	0.64	16.26	0.045	1.14	0.74	18.80	653	972	785	1168
<b>CWC 250-01EPR-CPE</b>	250	37/.0822	0.56	14.22	0.065	1.65	0.70	17.78	0.065	1.65	0.85	21.59	772	1149	960	1429
<b>CWC 350-01EPR-CPE</b>	350	37/.0973	0.67	17.02	0.065	1.65	0.81	20.57	0.065	1.65	0.96	24.38	1081	1609	1299	1933
<b>CWC 500-01EPR-CPE</b>	500	37/.1162	0.80	20.32	0.065	1.65	0.94	23.88	0.065	1.65	1.09	27.69	1542	2295	1803	2683
<b>CWC 750-01EPR-CPE</b>	750	61/.1109	0.98	24.89	0.080	2.03	1.15	29.21	0.065	1.65	1.31	33.27	2316	3447	2664	3965
<b>CWC 1000-01EPR-CPE</b>	1000	61/.1280	1.13	28.70	0.080	2.03	1.31	33.27	0.065	1.65	1.46	37.08	3086	4593	3989	5936

NOTE: Dimensions and weights are nominal and are subject to industry tolerances.