

Single Conductor XHHW-2 XLPEE 600V

PRODUCT CONSTRUCTION

Conductor: Single copper conductor, stranded

Insulation: Resistant to moisture, heat and flame.

Jacket: Chemically cross-linked polyethylene. Temperature rating 90°C in wet and dry locations. Colors available.

APPLICATIONS

Suitable for general purpose wiring, power distribution and branch circuit wiring where a cable with superior flame retardance is required. Also suitable for use in low leakage circuits requiring a dielectric constant of 3.5 or less (hospital grade).



COMPLIANCES

ASTM B3, ASTM B8

UL 44, ICEA S-95-658/NEMA WC70

Federal spec A-A-59544, 90°C wet/dry

CT use 1/0 and larger Gasoline

and oil resistant II C(UL)US

RW90: CSA/UL listed Sunlight-resistant

-40°C rated, suitable for use in 105°C dry system

RoHS compliant

COPPER WIRE AND CABLE PART #	SIZE (AWG OR MCM)	STRAND (NO.)	INSULATION THICKNESS (MILS)	NOMINAL DIAMETER (INCHES)	APPROX. NET WT. (LBS./1000 FT.)	AMPACITY 90°C WET/DRY
CWC 14-01XHHW-2	14	7	30	.133	17	35†
CWC 12-01XHHW-2	12	7	30	.152	26	40†
CWC 10-01XHHW-2	10	7	30	.176	39	55†
CWC 8-01XHHW-2	8	7	45	.236	63	80
CWC 6-01XHHW-2	6	7	45	.274	96	105
CWC 4-01XHHW-2	4	7	45	.322	147	140
CWC 3-01XHHW-2	3	7	45	.350	182	165
CWC 2-01XHHW-2	2	7	45	.382	226	190
CWC 1-01XHHW-2	1	19	55	.431	287	220
CWC 1/0-01XHHW-2	1/0	19	55	.470	358	260
CWC 2/0-01XHHW-2	2/0	19	55	.514	446	300
CWC 3/0-01XHHW-2	3/0	19	55	.564	557	350
CWC 4/0-01XHHW-2	4/0	19	55	.620	697	405
CWC 250-01XHHW-2	250	37	65	.705	830	455
CWC 300-01XHHW-2	300	37	65	.759	989	505
CWC 350-01XHHW-2	350	37	65	.811	1148	570
CWC 400-01XHHW-2	400	37	65	.858	1306	615
CWC 500-01XHHW-2	500	37	65	.943	1623	700
CWC 600-01XHHW-2	600	61	80	1.053	1961	780
CWC 750-01XHHW-2	750	61	80	1.158	2435	885

*Per NEC Table 310-17.

†Overcurrent protection shall not exceed 15 amps for 14 AWG, 20 amps for 12 AWG and 30 amps for 10 AWG per NEC 310-17

footnote. NOTE: The data shown is approximate and subject to standard industry tolerances.