

# SINGLE CONDUCTOR



- ▶ **XHHW-2**
- ▶ **XLP**
- ▶ **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

USAWC Part #	Size AWG or MCM	Strand (No.)	Insulation Thickness (Mils)	Nominal Diameter Overall (Inches)	Approx. Net Wt. (lbs./1000 ft.)	Ampacity* 90°C Wet/Dry
USA14-01XHHW-2	14	7	30	.133	17	35 <sup>†</sup>
USA12-01XHHW-2	12	7	30	.152	26	40 <sup>†</sup>
USA10-01XHHW-2	10	7	30	.176	39	55 <sup>†</sup>
USA8-01XHHW-2	8	7	45	.236	63	80
USA6-01XHHW-2	6	7	45	.274	96	105
USA4-01XHHW-2	4	7	45	.322	147	140
USA3-01XHHW-2	3	7	45	.350	182	165
USA2-01XHHW-2	2	7	45	.382	226	190
USA1-01XHHW-2	1	19	55	.431	287	220
USA1/0-01XHHW-2	1/0	19	55	.470	358	260
USA2/0-01XHHW-2	2/0	19	55	.514	446	300
USA3/0-01XHHW-2	3/0	19	55	.564	557	350
USA4/0-01XHHW-2	4/0	19	55	.620	697	405
USA250-01XHHW-2	250	37	65	.705	830	455
USA300-01XHHW-2	300	37	65	.759	989	505
USA350-01XHHW-2	350	37	65	.811	1148	570
USA400-01XHHW-2	400	37	65	.858	1306	615
USA500-01XHHW-2	500	37	65	.943	1623	700
USA600-01XHHW-2	600	61	80	1.053	1961	780
USA750-01XHHW-2	750	61	80	1.158	2435	885

\*Per NEC Table 310-17.

<sup>†</sup>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.