

# Copper XHHW-2



## Product Description

Annealed, solid or stranded copper conductor, abrasion, moisture and heat resistant, cross-linked polyethylene insulation. Conductor is surface printed with manufacturer's identification, conductor size and metal type, voltage rating, and type designation.

Colors available upon request.

## Application

General purpose wiring designed for power distribution and branch circuits in residential, commercial, and industrial buildings in conduit or approved raceways. Maximum conductor temperature of XHHW is 90°C in dry locations and 75°C in wet locations. Conductor is rated 600 volts.

## Product Data

### Solid

Size (AWG)	Stranding	Insulation Thickness (mils.)	Nominal Diameter (inches)	Weight Per 1000 Ft. (lbs.)	Ampacity* 75°C Wet	Ampacity* 90°C Dry
14	SOLID	30	125	18	15	15
12	SOLID	30	145	27	20	20
10	SOLID	30	165	40	30	30

### Stranded

Size (AWG)	Stranding	Insulation Thickness (mils.)	Nominal Diameter (inches)	Weight Per 1000 Ft. (lbs.)	Ampacity* 75°C Wet	Ampacity* 90°C Dry
14	7	30	133	20	20	25
12	7	30	152	28	25	30
10	7	30	176	42	35	40
8	7	45	236	66	50	55
6	7	45	275	97	65	75
4	7	45	322	145	85	95
2	7	45	380	225	115	130
1	19	55	435	290	130	150
1/0	19	55	475	365	150	170
2/0	19	55	520	450	175	195
3/0	19	55	570	565	200	225
4/0	19	55	625	705	230	260
250	37	65	690	835	255	2
300	37	65	745	995	285	3
350	37	65	795	1155	310	3
400	37	65	840	1315	335	3
500	37	65	925	1630	380	4
600	61	80	1030	1965	420	455
750	61	80	1135	2445	475	500
1000	61	80	1280	3230	545	585

+Per NEC Table 310-61

\*Manufactured with pride in DeKalb, IL USA.

## Specification Data

Underwriters Laboratories Standard 44  
 Federal Specifications J-C-30  
 ICEA S-66-524  
 National Electric Code Article 310