

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

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