

SPECIFICATIONS AND STANDARDS

XHHW-2 conductors meet or exceed as follow:

- UL standard 44,
- Federal Specification J-C-30B NEC, and requirements of the National Electrical Code. B
- ASTM standards B800 and B801



CONSTRUCTION

XHHW-2 aluminum conductors are AA-8000 series aluminum alloy, compact stranded. Insulation is an abrasion, moisture and heat resistant black cross-linked polyethylene.

APPLICATIONS

XHHW-2 conductors are primarily used in conduit or recognized raceways for services, feeders, and branch circuit wiring as specified in the National Electrical Code XHHW-2 conductors may be used in wet or dry locations at temperatures not to exceed 90°C. Voltage rating for XHHW-2 conductors is 600 volts

AL-XHHW-2 Aluminum Conductor manufactured to UL44/854

Conductor		Insulation Thickness (mils)	Nominal O.D.(mils)	Allowable Ampacity			Approx.Net Weight Per 1000(lbs)
Size(AWG or Kcmil)	No. Strands			60 °C	75 °C	90 °C	
8	7	45	.230	30	40	45	29
6	7	45	.260	40	50	60	40
4	7	45	.305	55	65	75	58
2	7	45	.360	75	90	100	86
1	19	55	.415	85	100	115	109
1/0	19	55	.450	100	120	135	132
2/0	19	55	.490	115	135	150	162
3/0	19	55	.540	130	155	175	199
4/0	19	55	.590	150	180	205	245
250	37	65	.655	170	205	230	294
300	37	65	.705	190	230	255	347
350	37	65	.750	210	250	280	398
400	37	65	.795	225	270	305	450



AL-XHHW-2

Aluminum Conductor-600V

500	37	65	.870	260	310	350	552
600	61	80	.980	300	320	385	672
700	61	80	1.040	310	375	420	774
750	61	80	1.075	320	385	435	825
1000	61	80	1.230	375	445	500	1077

*Ampacities for not more than three conductors in raceway or cable or earth (directly buried), based on ambient temperature of 30°C per Table 310-16 of the 1990 National Electrical Code (NFPA 70-1990).