

600 Volt. Aluminum Alloy Conductor.
Cross-Linked Polyethylene (XLPE) Insulation.
Moisture Resistant High Heat.
Sunlight Resistant



APPLICATIONS

AL XHHW-2 is primarily used in conduit or recognized raceways for services, feeders, and branch circuit wiring as specified in the National Electrical Code. AL XHHW-2 may be used in wet or dry locations at temperatures not to exceed 90 °C dry or wet. Voltage rating for AL XHHW-2 is 600 volts. Suitable for use in Health Care Facilities of the NEC where a dielectric constant of 3.5 or less may be specified. With the insulation, the wire requires no lubrication for installation.

STANDARDS

AL XHHW-2 comply with the following:

- UL Standard 44

CONSTRUCTION

- Conductor
 - Stranded compact aluminum
- Insulation
 - XLPE insulation material, abrasion, moisture and heat resistant

RECOMMENDED SAMPLE SPECIFICATIONS

AL XHHW-2, suitable for operation at 600 V or less in wet or dry locations at temperatures not to exceed 90 °C dry and wet.

TECHNICAL PARAMETER LIST

Size (AWG or kcmil)	Number of Strands	Insulation Thickness mils	Nominal O.D. (mils)	Approx. Weight per 1000' (lbs)	Allowable Ampacities		
					60 °C	75 °C	90 °C
8	7	45	227	30	35	40	45
6	7	45	259	39	40	50	55
4	7	45	303	57	55	65	75
2	7	45	358	85	75	90	100
1	18	55	409	108	85	100	115
1/0	10	55	446	131	100	120	135
2/0	18	55	486	161	115	135	150
3/0	18	55	533	198	130	155	175
4/0	18	55	585	243	150	180	205
250	22	65	650	293	170	205	230
300	35	65	700	346	195	230	260
350	35	65	746	398	210	250	280
400	35	65	789	449	225	270	305
500	35	65	866	552	260	310	350
600	58	80	973	675	285	340	385
700	58	80	1037	777	315	375	425
750	58	80	1068	829	320	385	435
900	58	80	1162	979	355	425	480
1000	58	80	1220	1085	375	445	500