

XHHW-2

ALUMINUM - 600V

DESCRIPTION:

Alan Wire type XHHW-2 conductors are primarily used in conduit or other recognized raceways for services and feeders as specified by the NEC (National Electrical Code). XHHW-2 is available in sizes ranging from #6 to 1000MCM. The conductors are made with 8000 series aluminum alloy and cross-linked polyethylene insulation is applied. All sizes are made with a friction reducing compound to aid in the installation process.

STANDARDS & SPECIFICATIONS:

- 600V Rated
- Wet/Dry Locations (90°C)
- Underwriter's Laboratories UL 44
- Sunlight Resistant
- Cable Tray use 1/0 & Larger
- NEMA Publication No. WC-70
- Canadian Standard C22.2 No. 38
- Gasoline & Oil Resistant II
- ICEA S-95-658
- IEEE 1202
- ARRA 2009 Section 1605
"Buy American" Compliant
- Available in low and high voltage colors



Conductor				Ampacity	
(AWG or MCM)	Stranding	Insulation Thickness (mls)	Outside Diameter (in)	(AMPS)* 90° C	Approx Net WT./MFT
6	7	45	0.26	60	39
4	7	45	0.305	75	57
2	7	45	0.36	100	85
1	19	55	0.415	115	109
1/0	19	55	0.45	135	132
2/0	19	55	0.49	150	161
3/0	19	55	0.54	175	199
4/0	19	55	0.59	205	244
250	36	65	0.655	230	293
300	36	65	0.705	255	345
350	36	65	0.75	280	397
400	36	65	0.795	305	449
500	36	65	0.87	350	551
600	58	80	0.98	385	674
700	58	80	1.04	420	774
750	58	80	1.075	435	824
900	58	80	1.161	480	980
1000	58	80	1.23	500	1078



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