



APPLICATIONS

XHHW-2 FOR USE IN WIRING FOR UP TO 600V/1000V RATED IN CONDUIT OR RACEWAYS FOR SERVICES, FEEDERS, BRANCH CIRCUITS OR OTHER APPLICATIONS PER NEC AT 90°C IN DRY AND WET LOCATIONS

CONSTRUCTION

AA-8000 SERIES ALUMINUM ALLOY, COMPACT STRANDED CONDUCTOR
 LOW COEFFICIENT OF FRICTION (SLIPPERY/SLICK), ABRASION RESISTANT, MOISTURE AND HEAT RESISTANT
 CROSS-LINKED POLYETHYLENE (XLPE) INSULATION
 6AWG AND LARGER ARE SUNLIGHT RESISTANT

STANDARDS

ASTM B800 & B801, NEMA WC-70/ICEA S-95-658
 UL 44 THERMOSET-INSULATED WIRE AND CABLES
 FEDERAL SPECIFICATION A-A-59544 (FORMER JC-30B NEC)
 TEMPERATURE RATING 90°C DRY AND WET
 1/0AWG AND LARGER ARE CT RATED
 UL APPROVED

COLOR OPTIONS AVAILABLE

PRINT LEGEND

6AWG THROUGH 1AWG: "EXXXXXX (UL) (SIZE) COMPACT AA-8000 AL XHHW-2 600V/1000V GRII SUN RES FT2 XLPE (UL) (YEAR)"
 1/0AWG THROUGH 1000 KCMIL: "EXXXXXX (UL) (SIZE) COMPACT AA-8000 AL XHHW-2 600V/1000V GRII SUN RES FT2 XLPE CT USE (UL) (YEAR)"



PART NO.	CONDUCTOR SIZE (AWG or KCMIL)	STRAND	INSULATION THICKNESS (MILS)	NOMINAL OD (INCHES)	NET WEIGHT (LBS/MFT)	AMPACITY		
						60°C	75°C	90°C
XHHW-ALXHHW6	6	7	45	0.261	40	40	50	55
XHHW-ALXHHW4	4	7	45	0.307	58.3	55	65	75
XHHW-ALXHHW2	2	7	45	0.363	86.1	75	90	100
XHHW-ALXHHW1	1	19	55	0.416	110	85	100	115
XHHW-ALXHHW1/0	1/0	19	55	0.452	134	100	120	135
XHHW-ALXHHW2/0	2/0	19	55	0.492	164	115	135	150
XHHW-ALXHHW3/0	3/0	19	55	0.540	201	130	155	175
XHHW-ALXHHW4/0	4/0	19	55	0.596	247	150	180	205
XHHW-ALXHHW250	250	37	65	0.660	296	170	205	230
XHHW-ALXHHW300	300	37	65	0.712	349	195	230	260
XHHW-ALXHHW350	350	37	65	0.756	401	210	250	280
XHHW-ALXHHW400	400	37	65	0.800	453	225	270	305
XHHW-ALXHHW500	500	37	65	0.878	556	260	310	350
XHHW-ALXHHW600	600	61	80	0.982	677	285	340	385
XHHW-ALXHHW700	700	61	80	1.050	777	310	375	420
XHHW-ALXHHW750	750	61	80	1.080	832	320	385	435
XHHW-ALXHHW900	900	61	80	1.178	985	315	375	480
XHHW-ALXHHW1000	1000	61	80	1.234	1086	315	375	500

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
 60°C, 75°C AND 90°C: AMPACITY FOR GENERAL USE AS SPECIFIED BY NEC SECTION 310.15