



Aluminum XHHW-2 600V XLPE insulation

Now available in Colors

Black	Blue	Brown	Green
Gray	Orange	Purple	Red
White	Yellow		



Cable available in standard put-ups, bulk reels, or cut to length. We can parallel, provide on compartmental reels, layer wind or stack multiple cuts on one reel and add pulling eyes and custom labels to the reels to meet your customer's requirements.

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In Canada 1-877-611-5122 • Fax: 1-905-564-9769

APPLICATION: Priority Wire & Cable's Type XHHW-2 or RW90 wires are primarily used for power distribution; and are sometimes referred to as feeders. They may be used in wet or dry locations with conductor temperatures not to exceed 90°C and may be used in conduit and recognized raceways as specified in the National Electrical Code. The voltage rating for XHHW-2 or RW90 conductors is 600 volts.

DESCRIPTION: XHHW-2 aluminum conductors are AA-8000 series aluminum alloy, compact Class B stranded per ASTM. The insulation is a low coefficient of friction ("slick") cross linked polyethylene (XLPE).

SPECIFICATIONS: XHHW-2 or RW90 meets or exceeds the following standards: UL 44/CSA C22.2 No. 38, Requirements of the National Electrical Code, ASTM B 800, B 801, Federal Specification J-C-30B, ANSI/NEMA WC70/ICEA S-95-658, Sunlight resistant on sizes 6 AWG and larger.

Colors Available*

Black **Blue** **Brown** **Green** **Gray**
Purple **Red** **White** **Yellow** **Orange**

XHHW-2

PWC Part Number	Size AWG	Stranding	Conductor Diameter (inches)	Insulation Thickness (inches)	Overall Diameter (inches)	Weight LBS/1000'	Ampacity at 90C*
8-01XHHW-2-ALUM	8	7	0.134	0.045	0.227	30	45
6-01XHHW-2-ALUM	6	7	0.169	0.045	0.262	42	55
4-01XHHW-2-ALUM	4	7	0.213	0.045	0.306	58	75
2-01XHHW-2-ALUM	2	7	0.268	0.045	0.361	86	100
1-01XHHW-2-ALUM	1	7	0.299	0.055	0.412	110	115
1/0-01XHHW-2-ALUM	1/0	18	0.336	0.055	0.449	134	135
2/0-01XHHW-2-ALUM	2/0	18	0.376	0.055	0.489	163	150
3/0-01XHHW-2-ALUM	3/0	18	0.423	0.055	0.536	200	175
4/0-01XHHW-2-ALUM	4/0	18	0.475	0.055	0.588	247	205
250-01XHHW-2-ALUM	250	35	0.520	0.065	0.653	296	230
300-01XHHW-2-ALUM	300	35	0.570	0.065	0.703	359	260
350-01XHHW-2-ALUM	350	35	0.616	0.065	0.749	401	280
400-01XHHW-2-ALUM	400	35	0.659	0.065	0.792	453	305
500-01XHHW-2-ALUM	500	35	0.736	0.065	0.869	556	350
600-01XHHW-2-ALUM	600	58	0.813	0.080	0.979	679	385
700-01XHHW-2-ALUM	700	58	0.877	0.080	1.040	782	425
750-01XHHW-2-ALUM	750	58	0.909	0.080	1.071	833	435
900-01XHHW-2-ALUM	900	58	0.999	0.080	1.169	987	480
1000-01XHHW-2-ALUM	1000	58	1.060	0.080	1.223	1090	500

All values are nominal and subject to correction

* Ampacities for not more than three conductors in raceway, based on ambient temperature of 30°C per Table 310-15(B)(16) of the National Electrical Code (NFPA 70)

* Sizes 1 through 750 are available in all colors. Sizes 6 to 2 are available in 120/208V colors of black, white, blue, red and green. Sizes 900 and 1000 are stocked only in black. Colors for these sizes can be special ordered.



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