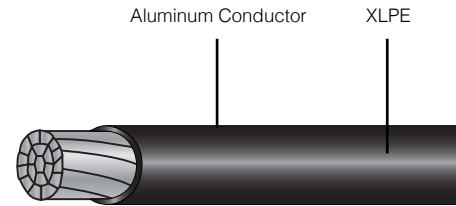


Aluminum Building Wire

XHHW-2

Aluminum, XLPE Insulated 600V
90°C Dry, Wet



Conductor AWG/kcmil	Insulation Thickness		Nominal Diameter		Approx. Net Weight		Ampacity*		
	mils	mm	inches	mm	lb/kft	kg/km	60°C	75°C	90°C
6 (7)	45	1.14	0.262	6.67	40	59.7	40	50	55
4 (7)	45	1.14	0.306	7.79	58.3	86.7	55	65	75
2 (7)	45	1.14	0.362	9.2	86.1	128	75	90	100
1 (19)	55	1.4	0.413	10.51	110	163	85	100	115
1/0 (19)	55	1.4	0.45	11.45	134	199	100	120	135
2/0 (19)	55	1.4	0.492	12.5	164	244	115	135	150
3/0 (19)	55	1.4	0.538	13.68	201	299	130	155	175
4/0 (19)	55	1.4	0.59	15	247	368	150	180	205
250 (37)	65	1.65	0.656	16.67	296	441	170	205	230
300 (37)	65	1.65	0.705	17.93	349	519	195	230	260
350 (37)	65	1.65	0.751	19.09	401	597	210	250	280
400 (37)	65	1.65	0.794	20.17	453	674	225	270	305
500 (37)	65	1.65	0.871	22.15	556	828	260	310	350
600 (61)	80	2.03	0.976	24.81	677	1008	285	340	385
700 (61)	80	2.03	1.037	26.34	777	1156	310	375	420
750 (61)	80	2.03	1.072	27.25	832	1237	320	385	435
900 (61)	80	2.03	1.159	29.45	985	1465	315	375	425
1000 (61)	80	2.03	1.231	30.81	1086	1617	315	375	425

60°C - When terminated to equipment for circuits rated 100 amperes or less or marked for conductors sizes 14 through 1 AWG.

75°C - When terminated to equipment for circuits rated over 100 amperes or marked for conductors larger than size 14 1 AWG.

* Ampacities shown are for general use as specified by the National Electrical Code, 2011 Edition, Article 310.15

- All drawings, designs, specifications, plans and particulars of weights, sizes and dimensions contained in the technical or commercial documentation of HWC is indicative only and shall not be binding on HWC or be treated as constituting a representation on the part of HWC.

APPLICATION:

The cable is rated at 600 volts and 90°C for use in wet and dry locations. XHHW-2 can be used in conduit and other raceways for services, feeders and other applications recognized by the NEC. Sizes 1/0 AWG and larger (4 AWG and larger in green) are cable tray (CT) rated. Sizes 12 - 4/0 AWG meet UL 44 standard for Thermoset-Insulated wires and cables. Also meets NEC Article 310.13

CONSTRUCTION:

Conductor: Compact stranded AA-8000 series aluminum alloy (ACM) per ASTM B801 or B836.

Insulation: Black, sunlight resistant, flame retardant cross-linked polyethylene (XLPE-FR) meeting the requirements for XHHW-2 per UL 44.

PRODUCT FEATURES:

- Cables are UL listed as Type XHHW-2
- Temperature rating of 90°C dry and wet
- Sunlight resistant 8 AWG and larger
- Lead free
- Bare conductors are heat treated after stranding for maximum flexibility
- 1/0 AWG and larger are CT rated

ADDITIONAL STANDARDS:

- Meets UL 44: Thermoset-Insulated Wires and Cables
- Meets or exceeds the requirements of NEMA WC70/ICEA S-95-658
- NEC Article 310.13