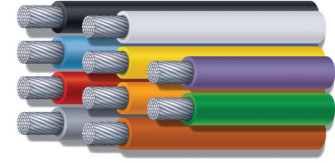


Aluminum XHHW-2 600V, XLPE Insulation

APPLICATION:

Type XHHW-2 or RW90 wires are primarily use for power distribution; and are sometimes referred to as feeders. They may be used in wet or dry locations with conductor temperatures not exceeding 90°C and may be used in conduit and recognized raceways as specified in the National Electrical Code. Voltage rating for XHHW-2 or RW90 conductors is 600V.



CONDUCTORS:

- Compact bare AA-8000 series aluminum alloy, Class B stranded per ASTM

INSULATION:

- Abrasion, heat and moisture resistant cross-linked polyethylene insulation (XLPE), low coefficient of friction, “slippery” or “slick” material. It is available in ten solid colors.

STANDARDS:

- UL 44 / CSA C22.2 No. 38
- ANSI / NEMA WC-70 / ICEA S-95-658
- ASTM B800, B801
- Federal Specification A-A-59544A
- Sunlight resistant on sizes 6 AWG and larger

Part Number	Conductor Size	Stranding	Conductor Diameter		Insulation Thickness		Overall Diameter		Net Weight	Ampacity** at 90°C
	AWG/KCM		inches	mm	inches	mm	inches	mm	lbs/1000'	
8-01XHHW-2-ALUM	8	7	0.134	3.40	0.045	1.14	0.227	5.77	30	45
6-01XHHW-2-ALUM	6	7	0.169	4.29	0.045	1.14	0.262	6.65	42	60
4-01XHHW-2-ALUM	4	7	0.213	5.41	0.045	1.14	0.306	7.77	58	75
3-01XHHW-2-ALUM	3	7	0.238	6.05	0.045	1.14	0.330	8.38	72	85
2-01XHHW-2-ALUM	2	7	0.268	6.81	0.045	1.14	0.361	9.17	86	100
1-01XHHW-2-ALUM	1	18	0.299	7.59	0.055	1.40	0.412	10.46	110	115
1/0-01XHHW-2-ALUM	1/0	18	0.336	8.53	0.055	1.40	0.449	11.40	134	135
2/0-01XHHW-2-ALUM	2/0	18	0.376	9.55	0.055	1.40	0.489	12.42	163	150
3/0-01XHHW-2-ALUM	3/0	18	0.423	10.74	0.055	1.40	0.536	13.61	200	175
4/0-01XHHW-2-ALUM	4/0	18	0.475	12.07	0.055	1.40	0.588	14.94	247	205
250-01XHHW-2-ALUM	250	35	0.520	13.21	0.065	1.65	0.653	16.59	296	230
300-01XHHW-2-ALUM	300	35	0.570	14.48	0.065	1.65	0.703	17.86	359	255
350-01XHHW-2-ALUM	350	35	0.616	15.65	0.065	1.65	0.749	19.02	401	280
400-01XHHW-2-ALUM	400	35	0.659	16.74	0.065	1.65	0.792	20.12	453	305
500-01XHHW-2-ALUM	500	35	0.736	18.69	0.065	1.65	0.869	22.07	556	350
600-01XHHW-2-ALUM	600	58	0.813	20.65	0.080	2.03	0.979	24.87	679	385
700-01XHHW-2-ALUM	700	58	0.877	22.28	0.080	2.03	1.040	26.42	782	420
750-01XHHW-2-ALUM	750	58	0.908	23.06	0.080	2.03	1.071	27.20	833	435
900-01XHHW-2-ALUM	900	58	0.999	25.37	0.080	2.03	1.169	29.69	983	480
1000-01XHHW-2-ALUM	1000	58	1.060	26.92	0.080	2.03	1.223	31.06	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)



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