



## Aluminum XHHW-2 600V XLPE insulation

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	60
4-01XHHW-2-ALUM	4	7	0.213	0.045	0.306	68	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	0.335	0.055	0.449	134	135
2/0-01XHHW-2-ALUM	2/0	18	0.378	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	0.476	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	0.571	0.065	0.703	359	255
350-01XHHW-2-ALUM	350	35	0.614	0.065	0.749	401	280
400-01XHHW-2-ALUM	400	35	0.657	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	0.816	0.080	0.979	679	385
700-01XHHW-2-ALUM	700	58	0.877	0.080	1.040	782	420
750-01XHHW-2-ALUM	750	58	0.909	0.080	1.071	833	435
900-01XHHW-2-ALUM	900	58	0.999	0.080	1.162	987	480
1000-01XHHW-2-ALUM	1000	58	1.059	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 310-16 of the 2005 National Electrical Code (NFPA 70-1990)

**Application:** XHHW-2 cables are primarily use for power distribution. XHHW-2 cables may be used in wet or dry locations, with ambient temperatures not exceeding 90°C. Voltage rating for RW90 cable is 600V.

**Conductors:** XHHW-2 conductor is a compact soft drawn bare 8000 series aluminum, with Class B stranding per ASTM

**Insulation:** XHHW-2 has abrasion, heat and moisture resistant cross-linked polyethylene insulation XLPE, low coefficient of friction, "slippery" or "slick" material.

**Striping:** Product is available with a ¼" stripe with colors of your choice.

**Standards:** XHHW-2 meets or exceed the following standards:  
 UL standard 44  
 Requirements of the National Electrical Code  
 ASTM standards B 800, B 801  
 Federal Specification J-C-30B  
 Sunlight resistant

# 1-800-945-5542

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