

# Type XHHW-2 Al Conductor



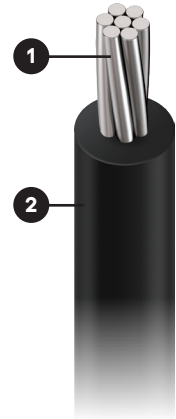
600V / 1000V | Copperweld by Enerwire Aluminum Building Wire

## Engineering Specifications:

- **Standards:** UL 44, UL 1581, ASTM B800, ASTM B801
- **Listings and Compliance:** UL: E483554
- **Construction:**
  - **Conductors** – Stranded 8000-series Aluminum conductor with 7, 19, or 37 strands.
  - **Insulation** – Cross-linked Polyethylene (XLPE) insulation meeting the required thickness of Type XHHW-2

## Applications:

- **Applications:** Refer to Article 310 of the NEC.



- 1 Aluminum conductor
- 2 XLPE jacket

Product Size (AWG)	No. of Strands	Insulation Thickness (mils)	Outside Diameter (in)	Approx. Weight (lbs/1000 ft)	Max ampacity 90° C*
12 AWG	7	30	0.152	12.2	25
10 AWG	7	30	0.176	16.7	35
8 AWG	7	45	0.236	29.1	45
6 AWG	7	45	0.274	41.9	55
4 AWG	7	45	0.322	60.3	75
2 AWG	7	45	0.382	90.2	100
1/0 AWG	19	55	0.483	139	135
2/0 AWG	19	55	0.529	169	150
3/0 AWG	19	55	0.580	209	175
4/0 AWG	19	55	0.638	257	205
250 MCM/kcmil	37	65	0.705	301	230
300 MCM/kcmil	37	65	0.760	354	260
350 MCM/kcmil	37	65	0.811	410	280
400 MCM/kcmil	37	65	0.858	460	305
500 MCM/kcmil	37	65	0.943	574	350
600 MCM/kcmil	37	80	1.051	687	385

\* Ampacity of conductors are based on the Copper-Clad Aluminum columns of NFPA 70 (NEC 2026) Table 310.16. See 110.14(C), 240.4(D) and 310.15(B) and (C) for other limitations where applicable.



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## Ordering Information:

Cable Type	Aluminum Size	No. of Strands	Colors	Standard Packaging*	Part Number**
XHHW-2	12 AWG	7	Black	500', 1000' or 2500'	12XHHW2-7/0-AI-BK-X2-FT-RL
XHHW-2	10 AWG	7	Black	500', 1000' or 2500'	10XHHW2-7/0-AI-BK-X2-FT-RL
XHHW-2	8 AWG	7	Black	500', 1000' or 2500'	8XHHW2-7/0-AI-BK-X2-FT-RL
XHHW-2	6 AWG	7	Black	500', 1000' or 2500'	6XHHW2-7/0-AI-BK-X2-FT-RL
XHHW-2	4 AWG	7	Black	500', 1000' or 2500'	4XHHW2-7/0-AI-BK-X2-FT-RL
XHHW-2	2 AWG	7	Black	500', 1000' or 2500'	2XHHW2-7/0-AI-BK-X2-FT-RL
XHHW-2	1/0 AWG	19	Black	500', 1000' or 2500'	1/0XHHW2-19/0-AI-BK-X2-FT-RL
XHHW-2	2/0 AWG	19	Black	500' or 1000'	2/0XHHW2-19/0-AI-BK-X2-FT-RL
XHHW-2	3/0 AWG	19	Black	500' or 1000'	3/0XHHW2-19/0-AI-BK-X2-FT-RL
XHHW-2	4/0 AWG	19	Black	500' or 1000'	4/0XHHW2-19/0-AI-BK-X2-FT-RL
XHHW-2	250 MCM/kcmil	37	Black	500' or 1000'	250XHHW2-37/0-AI-BK-X2-FT-RL
XHHW-2	300 MCM/kcmil	37	Black	500' or 1000'	300XHHW2-37/0-AI-BK-X2-FT-RL
XHHW-2	350 MCM/kcmil	37	Black	500' or 1000'	350XHHW2-37/0-AI-BK-X2-FT-RL
XHHW-2	400 MCM/kcmil	37	Black	500' or 1000'	400XHHW2-37/0-AI-BK-X2-FT-RL
XHHW-2	500 MCM/kcmil	37	Black	500' or 1000'	500XHHW2-37/0-AI-BK-X2-FT-RL
XHHW-2	600 MCM/kcmil	37	Black	500' or 1000'	600XHHW2-37/0-AI-BK-X2-FT-RL

\* Other packaging options may be available upon request.

\*\* Part Number Legend: [Size of Circuit Cond.][Type]-[# of Strands Circuit Cond. / Ground Cond.]-[Cond. Material]-[Color]-X2-[Length in Feet]-[Packaging]



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