

Type XHHW-2 CCA Conductor



600V / 1000V | Copperweld by Enerwire Copper-Clad Aluminum (CCA) Building Wire

Engineering Specifications:

- **Standards:** UL 44, UL 1581, ASTM B566
- **Listings and Compliance:** UL: E483554, E538020
- **Construction:**
 - **Conductors** – UL recognized component (DVVV2); stranded annealed Copper-Clad Aluminum (CCA) bimetallic conductor meeting ASTM B566 with an 8000-series aluminum core
 - **Insulation** – Cross-linked Polyethylene (XLPE) insulation meeting the required thickness of Type XHHW-2

Identification and Applications:

- **Identification:** Copperweld® identifies its XHHW-2 cable for use with wiring devices, splice connectors and equipment terminals rated for CC, Cu, Cu/Al and CO/ALR. Copperweld® Copper-Clad Aluminum is not dissimilar metallurgically to copper, brass or zinc-plated steel. If splicing with twist-on splice connectors, pre-twisting is not required. Copperweld® XHHW-2 Cable is made with ASTM B-566 Copper-Clad Aluminum bare wire, which carries its own component listing, DVVV2, and is an NEC requirement.
- **Applications:** Refer to Article 310 of the NEC.



- 1 Copperweld CCA 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	13.6	25
10 AWG	7	30	0.176	18.9	35
8 AWG	7	45	0.236	32.6	45
6 AWG	7	45	0.274	47.4	55
4 AWG	7	45	0.322	69.1	75
2 AWG	7	45	0.382	103	100
1/0 AWG	19	55	0.483	160	135
2/0 AWG	19	55	0.529	195	150
3/0 AWG	19	55	0.580	241	175
4/0 AWG	19	55	0.638	298	205
250 MCM/kcmil	37	65	0.705	355	230
300 MCM/kcmil	37	65	0.760	417	260
350 MCM/kcmil	37	65	0.811	482	280
400 MCM/kcmil	37	65	0.858	545	305
500 MCM/kcmil	37	65	0.943	673	350
600 MCM/kcmil	37	80	1.051	814	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.



615-377-4200
buildingwire@copperweld.com



Type XHHW-2 CCA Conductor



600V / 1000V | Copperweld by Enerwire Copper-Clad Aluminum (CCA) Building Wire

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-CCA-BK-X2-FT-RL
XHHW-2	10 AWG	7	Black	500', 1000' or 2500'	10XHHW2-7/0-CCA-BK-X2-FT-RL
XHHW-2	8 AWG	7	Black	500', 1000' or 2500'	8XHHW2-7/0-CCA-BK-X2-FT-RL
XHHW-2	6 AWG	7	Black	500', 1000' or 2500'	6XHHW2-7/0-CCA-BK-X2-FT-RL
XHHW-2	4 AWG	7	Black	500', 1000' or 2500'	4XHHW2-7/0-CCA-BK-X2-FT-RL
XHHW-2	2 AWG	7	Black	500', 1000' or 2500'	2XHHW2-7/0-CCA-BK-X2-FT-RL
XHHW-2	1/0 AWG	19	Black	500', 1000' or 2500'	1/0XHHW2-19/0-CCA-BK-X2-FT-RL
XHHW-2	2/0 AWG	19	Black	500' or 1000'	2/0XHHW2-19/0-CCA-BK-X2-FT-RL
XHHW-2	3/0 AWG	19	Black	500' or 1000'	3/0XHHW2-19/0-CCA-BK-X2-FT-RL
XHHW-2	4/0 AWG	19	Black	500' or 1000'	4/0XHHW2-19/0-CCA-BK-X2-FT-RL
XHHW-2	250 MCM/kcmil	37	Black	500' or 1000'	250XHHW2-37/0-CCA-BK-X2-FT-RL
XHHW-2	300 MCM/kcmil	37	Black	500' or 1000'	300XHHW2-37/0-CCA-BK-X2-FT-RL
XHHW-2	350 MCM/kcmil	37	Black	500' or 1000'	350XHHW2-37/0-CCA-BK-X2-FT-RL
XHHW-2	400 MCM/kcmil	37	Black	500' or 1000'	400XHHW2-37/0-CCA-BK-X2-FT-RL
XHHW-2	500 MCM/kcmil	37	Black	500' or 1000'	500XHHW2-37/0-CCA-BK-X2-FT-RL
XHHW-2	600 MCM/kcmil	37	Black	500' or 1000'	600XHHW2-37/0-CCA-BK-X2-FT-RL

* Other Packagaing 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]



615-377-4200
buildingwire@copperweld.com

