



Available with tinned conductors

Jacketed MC

XHHW-2/EnviroPlus®

**Factory Mutual Group 1 Spec. Tested
Zero Halogen, Limited Smoke
600 Volt Copper**

Description:

3 or 4 conductors, stranded, insulated with heat and moisture resistant crosslinked polyethylene (type XHHW-2), phase identified and cabled with suitable fillers (as necessary) and bare copper ground conductor. Cable core is covered with binder tape and aluminum or galvanized steel interlocked armor, with zero halogen, limited smoke, zero lead jacket.

Application:

Suitable for use in hazardous locations:

- Class I - Div 2
- Class II - Div 2

Standards:

- UL1569
- ICEA S-95-658/NEMA WC-70
- Flame Rated: IEEE 383 (70,000 BTU)
- IEEE 1202/CSA FT-4
- UL 1685 and UL 1581
- Two-hour Firewall

Temperature Rated at 90°C Wet/Dry

Cold Temperature Rated at -40°C

Sunlight Resistant

Direct Burial¹

Color Code: Method 4 (other colors available upon request)

Zero Halogen, Limited Smoke Jacket

RoHS Compliant

	Part Number	Size AWG or Kcmil	Strand (no.)	Insulation Thickness (mils)	Grounding Conductor (AWG)	Diameter Over Armor (inch)	Jacket Thickness (mils)	Approx. Diameter Overall (inch)	Approx. Net Weight (lb/1000')		Ampacity* (30°C ambient) 90°C Wet/Dry
									Alum. Armor	Galv. Armor	
THREE CONDUCTOR	AANH8/3	8	7	45	10	0.73	50	0.83	405	489	55
	AANH6/3	6	7	45	8	0.81	50	0.91	547	643	75
	AANH4/3	4	7	45	8	0.91	50	1.01	733	854	95
	AANH3/3	3	7	45	6	0.97	50	1.07	889	1,011	115
	AANH2/3	2	7	45	6	1.03	50	1.13	1,044	1,175	130
	AANH1/3	1	19	55	6	1.15	50	1.25	1,264	1,414	145
	AANH1/03	1/0	19	55	6	1.31	50	1.41	1,548	1,782	170
	AANH2/03	2/0	19	55	6	1.37	50	1.47	1,843	2,110	195
	AANH3/03	3/0	19	55	4	1.51	60	1.63	2,311	2,567	225
	AANH4/03	4/0	19	55	4	1.63	60	1.75	2,785	3,102	260
	AANH250/3	250	37	65	4	1.81	60	1.93	3,337	3,695	290
	AANH350/3	350	37	65	3	2.03	60	2.15	4,303	4,723	350
	AANH500/3	500	37	65	2	2.29	75	2.44	5,956	6,425	430
	AANH600/3	600	61	80	2	2.55	75	2.70	7,074	7,603	475
AANH750/3	750	61	80	1	2.77	75	2.92	8,658	9,249	535	
FOUR CONDUCTOR	AANH8/4	8	7	45	10	0.79	50	0.89	485	579	55
	AANH6/4	6	7	45	8	0.87	50	0.97	663	775	75
	AANH4/4	4	7	45	8	0.99	50	1.09	907	1,040	95
	AANH3/4	3	7	45	6	1.05	50	1.15	1,099	1,242	115
	AANH2/4	2	7	45	6	1.13	50	1.23	1,305	1,452	130
	AANH1/4	1	19	55	6	1.33	50	1.43	1,624	1,872	145
	AANH1/04	1/0	19	55	6	1.43	50	1.53	1,956	2,227	170
	AANH2/04	2/0	19	55	6	1.51	60	1.63	2,381	2,681	195
	AANH3/04	3/0	19	55	4	1.65	60	1.77	2,935	3,256	225
	AANH4/04	4/0	19	55	4	1.79	60	1.91	3,560	3,925	260
	AANH250/4	250	37	65	4	1.99	60	2.11	4,259	4,659	290
	AANH350/4	350	37	65	3	2.25	75	2.40	5,623	6,094	350
	AANH500/4	500	37	65	2	2.53	75	2.68	7,702	8,238	430
	AANH600/4	600	61	80	2	2.85	75	3.00	9,183	9,792	475
AANH750/4	750	61	80	1	3.05	85	3.22	11,310	11,965	535	

*Per NEC Table 310-16. 4-Conductor ampacity assumes three are hot and one is neutral.

¹Includes encasement in concrete.

NOTE: The data shown is approximate and subject to standard industry tolerances.