



Jacketed MC

XHHW-2/EnviroPlus®

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

Description:

Conductors are stranded copper, insulated with heat and moisture resistant crosslinked polyethylene (type XHHW-2), phase identified and cabled with a **bare copper ground conductor. Cable core is covered with binder tape and aluminum or galvanized steel interlocked armor, with an overall 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: K-2 (other colors available upon request)

Zero Halogen, Limited Smoke Jacket

RoHS Compliant

	Part Number	Number of Conductors	Grounding Conductor (AWG)	Diameter Over Armor (inch)	Jacket Thickness (mils)	Approximate Overall Diameter (inch)	Net Weight (lb/1000')	Ampacity* (30°C ambient) 90°C Wet/Dry
#14 AWG	AANH14/2	2	14	0.55	50	0.65	174	25†
	AANH14/3	3	14	0.55	50	0.65	192	25†
	AANH14/4	4	14	0.55	50	0.65	210	20†
	AANH14/5	5	14	0.57	50	0.67	234	20†
	AANH14/7	7	14	0.65	50	0.75	295	17†
	AANH14/9	9	14	0.73	50	0.83	352	17†
	AANH14/12	12	14	0.77	50	0.87	416	12
	AANH14/19	19	14	0.89	50	0.99	573	12
AANH14/37	37	14	1.15	50	1.25	964	10	
#12 AWG	AANH12/2	2	12	0.55	50	0.65	199	30†
	AANH12/3	3	12	0.55	50	0.65	226	30†
	AANH12/4	4	12	0.57	50	0.67	258	24†
	AANH12/5	5	12	0.61	50	0.71	295	24†
	AANH12/7	7	12	0.71	50	0.81	381	21†
	AANH12/9	9	12	0.79	50	0.89	456	21†
	AANH12/12	12	12	0.85	50	0.95	551	15
	AANH12/19	19	12	0.97	50	1.07	770	15
AANH12/37	37	12	1.35	50	1.45	1,365	12	
#10 AWG	AANH10/2	2	10	0.55	50	0.65	237	40†
	AANH10/3	3	10	0.59	50	0.69	287	40†
	AANH10/4	4	10	0.63	50	0.73	338	32†
	AANH10/5	5	10	0.67	50	0.77	388	32†
	AANH10/7	7	10	0.79	50	0.89	505	28
	AANH10/9	9	10	0.89	50	0.99	611	28
	AANH10/12	12	10	0.95	50	1.05	745	20
	AANH10/19	19	10	1.09	50	1.19	1,059	20
AANH10/37	37	10	1.51	60	1.63	1,933	16	

*Per NEC Table 310-16 (Ampacity derated in accordance with note 8a).

¹ Includes encasement in concrete.

†The overcurrent protection for items marked with an obelisk (†) shall not exceed 15 amps for #14 AWG, 20 amps for #12 AWG, and 30 amps for #10 AWG per NEC 310-16 footnote.

**Cable with 7 conductors or more shall have a green insulated ground.

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