



Jacketed MC

XHHW-2 600 Volt Copper

Description:

Class B 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 covered with binder tape and aluminum or galvanized steel interlocked armor, with an overall PVC jacket. **Jacket available in colors.**

Application:

Suitable for use in hazardous locations:

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

Standards:

UL 1569
 ICEA S-95-658/NEMA WC-70
 Flame Rated: IEEE 383 (70,000 BTU)
 ICEA T-29-520 (210,000 BTU)
 IEEE 1202/CSA FT-4
 Two-hour Firewall
 Temperature Rated at 90°C Wet/Dry
 Sunlight and Oil Resistant II Jacket
 Direct Burial¹
 Color Code: K-2 (other color codes available)
 RoHS Compliant

	Part Number	Number of Conductors	Grounding Conductor (AWG)	Diameter Over Armor (inch)	PVC Jacket Thickness (mils)	Approximate Overall Diameter (inch)	Approx. Net Weight (lb/1000')		Ampacity* (30°C ambient) 90°C Wet/Dry
							Alum. Armor	Galv. Armor	
#14 AWG	AAP14/2	2	14	0.55	50	0.65	172	235	25†
	AAP14/3	3	14	0.55	50	0.65	190	254	25†
	AAP14/4	4	14	0.55	50	0.65	208	272	20†
	AAP14/5	5	14	0.59	50	0.69	237	298	20†
	AAP14/7	7	14	0.67	50	0.77	299	373	17†
	AAP14/9	9	14	0.75	50	0.85	356	443	17†
	AAP14/12	12	14	0.79	50	0.89	420	521	12
	AAP14/19	19	14	0.91	50	1.01	577	689	12
AAP14/25	25	14	0.99	50	1.09	706	839	11	
AAP14/37	37	14	1.23	50	1.33	974	1,121	10	
#12 AWG	AAP12/2	2	12	0.55	50	0.65	198	261	30†
	AAP12/3	3	12	0.55	50	0.65	225	288	30†
	AAP12/4	4	12	0.59	50	0.69	262	323	24†
	AAP12/5	5	12	0.63	50	0.73	299	375	24†
	AAP12/7	7	12	0.73	50	0.83	385	468	21†
	AAP12/9	9	12	0.81	50	0.91	459	564	21†
	AAP12/12	12	12	0.87	50	0.97	555	669	15
	AAP12/19	19	12	0.99	50	1.09	773	907	15
AAP12/25	25	12	1.11	50	1.21	965	1,109	13	
AAP12/37	37	12	1.37	50	1.47	1,369	1,627	12	
#10 AWG	AAP10/2	2	10	0.57	50	0.67	241	307	40†
	AAP10/3	3	10	0.61	50	0.71	291	355	40†
	AAP10/4	4	10	0.65	50	0.75	341	412	32†
	AAP10/5	5	10	0.69	50	0.79	391	477	32†
	AAP10/7	7	10	0.81	50	0.91	509	605	28
	AAP10/9	9	10	0.91	50	1.01	614	726	28
	AAP10/12	12	10	0.97	50	1.07	749	879	20
	AAP10/19	19	10	1.11	50	1.21	1,063	1,215	20
AAP10/25	25	10	1.31	50	1.41	1,367	1,600	18	
AAP10/37	37	10	1.51	60	1.63	1,929	2,229	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 have a green insulated ground.

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