



Jacketed MC

XHHW-2 600 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 (when necessary) and bare copper ground conductor. Cable core covered with binder tape and aluminum or galvanized steel interlocked armor, with black 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)

IEEE 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: Method 4 (other color codes available)

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	AAP8/3	8	7	45	10	0.73	50	0.83	399	482	55
	AAP6/3	6	7	45	8	0.81	50	0.91	540	636	75
	AAP4/3	4	7	45	8	0.91	50	1.01	725	846	95
	AAP3/3	3	7	45	6	0.97	50	1.07	881	1,002	115
	AAP2/3	2	7	45	6	1.03	50	1.13	1,035	1,166	130
	AAP1/3	1	19	55	6	1.15	50	1.25	1,254	1,404	145
	AAP1/03	1/0	19	55	6	1.31	50	1.41	1,537	1,771	170
	AAP2/03	2/0	19	55	6	1.37	50	1.47	1,831	2,099	195
	AAP3/03	3/0	19	55	4	1.51	60	1.63	2,295	2,555	225
	AAP4/03	4/0	19	55	4	1.63	60	1.75	2,768	3,085	260
	AAP250/3	250	37	65	4	1.81	60	1.93	3,318	3,677	290
	AAP300/3	300	37	65	3	1.93	60	2.05	3,899	4,285	320
	AAP350/3	350	37	65	3	2.03	60	2.15	4,436	4,856	350
	AAP400/3	400	37	65	3	2.13	60	2.25	4,971	5,414	380
	AAP500/3	500	37	65	2	2.29	75	2.44	6,131	6,600	430
AAP600/3	600	61	80	2	2.55	75	2.70	7,306	7,835	475	
AAP750/3	750	61	80	1	2.77	75	2.92	8,938	9,529	535	
FOUR CONDUCTOR	AAP8/4	8	7	45	10	0.79	50	0.89	480	573	55
	AAP6/4	6	7	45	8	0.87	50	0.97	655	769	75
	AAP4/4	4	7	45	8	0.99	50	1.09	898	1,031	95
	AAP3/4	3	7	45	6	1.05	50	1.15	1,080	1,233	115
	AAP2/4	2	7	45	6	1.13	50	1.23	1,295	1,442	130
	AAP1/4	1	19	55	6	1.33	50	1.43	1,613	1,861	145
	AAP1/04	1/0	19	55	6	1.43	50	1.53	1,944	2,215	170
	AAP2/04	2/0	19	55	6	1.51	60	1.63	2,366	2,666	195
	AAP3/04	3/0	19	55	4	1.65	60	1.77	2,918	3,240	225
	AAP4/04	4/0	19	55	4	1.79	60	1.91	3,542	3,906	260
	AAP250/4	250	37	65	4	1.99	60	2.11	4,239	4,639	290
	AAP300/4	300	37	65	3	2.13	60	2.25	4,991	5,434	320
	AAP350/4	350	37	65	3	2.25	75	2.40	5,767	6,238	350
	AAP400/4	400	37	65	3	2.35	75	2.50	6,469	6,952	380
	AAP500/4	500	37	65	2	2.53	75	2.68	7,898	8,433	430
AAP600/4	600	61	80	2	2.85	75	3.00	9,442	10,052	475	
AAP750/4	750	61	80	1	3.05	85	3.22	11,618	12,274	535	

*Per NEC Table 310-16. 4-Conductor ampacity assumes three are hot and one is neutral.
NOTE: The data shown is approximate and subject to standard industry tolerances.

¹ Includes encasement in concrete.