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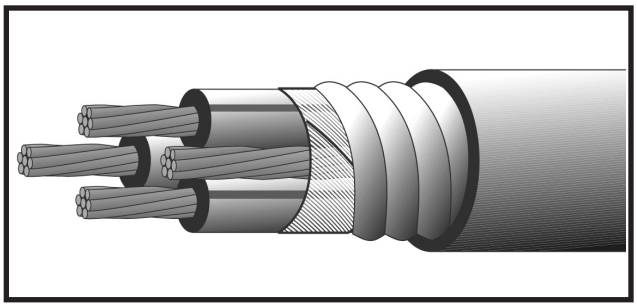
ISO 9001:2008

Interlocked Armor 600 Volt UL Type MC

Galvanized Steel or Aluminum Copper XHHW-2



Description:

3 or 4 conductors, stranded, insulated with heat and moisture resistant cross-linked polyethylene (type XHHW-2), phase identified, cabled together with suitable fillers** and bare copper ground conductor(s). Cable core covered with binder tape, aluminum or galvanized steel interlocked armor, with flame and sunlight resistant black PVC jacket. *Jacket available under armor and in other colors.*

Features:

Suitable for use in NEC Hazardous locations:
• Class I, Div. 2 • Class II, Div. 2

Standards:

UL 1569
Flame Rated: IEEE-383 (70,000 BTU),
ICEA T-29-520 (210,000 BTU),
IEEE 1202/CSA FT-4
Two-hour Firewall rated, (2/0 AWG and smaller)
Sunlight Resistant for CT Use; Direct Burial[1],
Oil Resistant II Jacket
Color Code Black and Numbered / other color codes available
Temperature rating at 90° C Wet/Dry
ICEA S-95-658/NEMA WC-70

	Part Number	Size AWG or MCM	Strand (no.)	Insulation Thickness (mils)	Copper Grounding Conductor(s) (AWG)	Diameter over Armor (inch)	PVC Jacket Thickness (mils)	Approx. Diameter Overall (inch)	Approx. Net Wt. per 1000 ft. (lbs.)		Ampacity* (30 ° C Ambient Wet/Dry)
									Alum. Armor	Galv. Armor	90° C
THREE CONDUCTOR	AIAPVC8/3	8	7	45	1-#10	.750	50	.850	399	486	55
	AIAPVC6/3	6	7	45	1- #8	.830	50	.930	538	646	75
	AIAPVC4/3	4	7	45	1- #8	.910	50	1.010	718	839	95
	AIAPVC3/3	3	7	45	1 - #6	.970	50	1.070	873	1,003	110
	AIAPVC2/3	2	7	45	1- #6	1.050	50	1.150	1,030	1,164	130
	AIAPVC1/3	1	19	55	1- #6	1.150	50	1.250	1,243	1,402	150
	AIAPVC1/03	1/0	19	55	1- #6	1.310	50	1.410	1,515	1,749	170
	AIAPVC2/03	2/0	19	55	1- #6	1.410	50	1.510	1,814	2,071	195
	AIAPVC3/03	3/0	19	55	1- #4	1.510	60	1.630	2,262	2,521	225
	AIAPVC4/03	4/0	19	55	1- #4	1.630	60	1.750	2,725	3,043	260
	AIAPVC250/3	250	37	65	1- #4	1.810	60	1.930	3,305	3,674	290
	AIAPVC300/3	300	37	65	1- #3	1.930	60	2.050	3,881	4,267	320
	AIAPVC350/3	350	37	65	1- #3	2.050	60	2.170	4,425	4,839	350
	AIAPVC400/3	400	37	65	1- #3	2.170	60	2.290	4,966	5,397	380
	AIAPVC500/3	500	37	65	1- #2	2.330	75	2.480	6,134	6,623	430
	AIAPVC600/3	600	61	80	1- #2	2.570	75	2.720	7,301	7,835	475
	AIAPVC750/3	750	61	80	1- #1	2.850	75	3.000	8,955	9,520	535
FOUR CONDUCTOR	AIAPVC8/4	8	7	45	1-#10	.810	50	.910	478	575	44
	AIAPVC6/4	6	7	45	1- #8	.910	50	1.010	656	768	60
	AIAPVC4/4	4	7	45	1- #8	1.010	50	1.110	894	1,022	76
	AIAPVC3/4	3	7	45	1- #6	1.070	50	1.170	1,084	1,222	88
	AIAPVC2/4	2	7	45	1- #6	1.150	50	1.250	1,287	1,437	104
	AIAPVC1/4	1	19	55	1- #6	1.330	50	1.430	1,598	1,857	120
	AIAPVC1/04	1/0	19	55	1- #6	1.430	50	1.530	1,914	2,185	136
	AIAPVC2/04	2/0	19	55	1- #6	1.550	60	1.670	2,340	2,629	156
	AIAPVC3/04	3/0	19	55	1- #4	1.650	60	1.770	2,873	3,205	180
	AIAPVC4/04	4/0	19	55	1- #4	1.790	60	1.910	3,484	3,849	208
	AIAPVC250/4	250	37	65	1- #4	1.990	60	2.110	4,219	4,630	232
	AIAPVC300/4	300	37	65	1- #3	2.130	60	2.250	4,866	5,409	256
	AIAPVC350/4	350	37	65	1- #3	2.250	75	2.400	5,744	6,214	280
	AIAPVC400/4	400	37	65	1- #3	2.160	75	2.520	6,451	6,938	304
	AIAPVC500/4	500	37	65	1- #2	2.570	75	2.720	7,894	8,439	344
	AIAPVC600/4	600	61	80	1- #2	2.850	75	3.000	9,425	10,035	380
	AIAPVC750/4	750	61	80	1- #1	3.090	85	3.260	11,619	12,284	428

*Per NEC Table 310-16. [1] Includes encasement in concrete.
**Fillers used when required.
NOTE: The data shown is approximate and subject to standard industry tolerances.
NOTE: 4-Conductor ampacity assumes all four conductors are hot. If three are hot and one is a neutral, use the three conductor ampacity. 2010

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