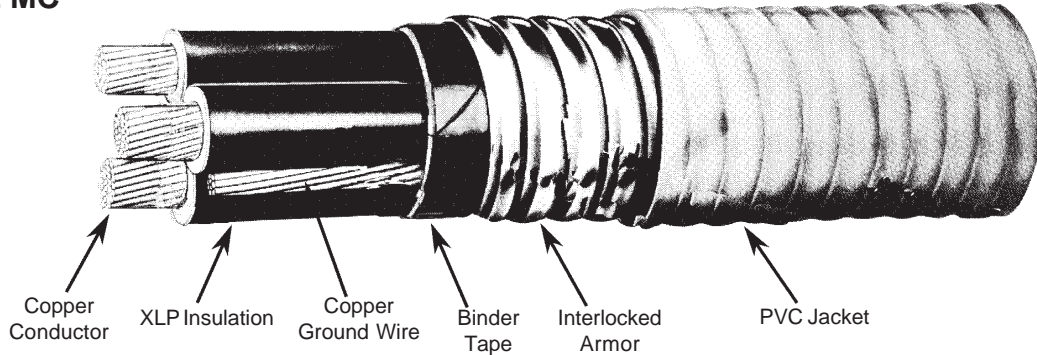


**INTERLOCKED ARMORED POWER CABLE, 600 VOLT
FR-CROSS-LINKED POLYETHYLENE INSULATION (XHHW-2),
TYPE MC**

SPEC 3-22-1
Ver. 7.0
Revised: 09/25/07



90°C CONDUCTOR TEMPERATURE WET OR DRY

Conductor			Insulation in Mils	Overall Jacket in Mils	Size AWG Copper Ground Wire	Approximate O.D. in Inches	Ampacity** 90°C	Approximate Net Weight§ LBS/KFT
Size AWG or KCMIL	No. of Strands*	Nominal O.D.						

THREE CONDUCTOR 600 VOLT

8	7	0.14	45	50	8	0.92	55	425
6	7	0.18	45	50	8	0.98	75	550
4	7	0.23	45	50	8	1.01	95	730
2	7	0.28	45	50	6	1.14	130	1050
1	19	0.32	55	50	6	1.27	150	1285
1/0	19	0.36	55	50	6	1.36	170	1530
2/0	19	0.41	55	50	6	1.45	195	1835
3/0	19	0.46	55	50	4	1.56	225	2265
4/0	19	0.51	55	60	4	1.70	260	2770
250	37	0.56	65	60	4	2.02	290	3330
300	37	0.61	65	60	3	2.13	320	3900
350	37	0.66	65	60	3	2.24	350	4445
400	37	0.71	65	60	3	2.34	380	4980
500	37	0.79	65	75	2	2.54	430	6150
600	61	0.87	80	75	2	2.78	475	7315
750	61	0.97	80	75	1	3.00	535	8965
1000	61	1.12	80	85	1/0	3.34	615	11705

FOUR CONDUCTOR 600 VOLT

8	7	0.14	45	50	8	0.98	44	505
6	7	0.18	45	50	8	1.04	60	675
4	7	0.23	45	50	8	1.10	76	915
2	7	0.28	45	50	6	1.24	104	1305
1	19	0.32	55	50	6	1.39	120	1610
1/0	19	0.36	55	50	6	1.48	136	1930
2/0	19	0.41	55	50	6	1.59	156	2325
3/0	19	0.46	55	60	4	1.73	180	2905
4/0	19	0.51	55	60	4	2.03	208	3620
250	37	0.56	65	60	4	2.20	232	4235
300	37	0.61	65	60	3	2.33	256	4970
350	37	0.66	65	60	3	2.48	280	5750
400	37	0.71	65	75	3	2.59	304	6460
500	37	0.79	65	75	2	2.79	344	7885
600	61	0.87	80	75	2	3.05	380	9410
750	61	0.97	80	85	1	3.32	428	11615
1000	61	1.12	80	85	1/0	3.68	492	15115

Note: **Based on cables installed in uncovered cable tray at 30°C ambient temperature per NEC.

§Weights based on aluminum armor assembly.

*19 stranding is combination unilay per ASTM 787.

The above data is approximate and subject to normal manufacturing tolerances.

STANDARDS AND RATINGS:

1. Conforms to ICEA S-95-658/NEMA WC70 Nonshielded 0-2KV Cables.
2. Conductors conforms to UL 44 Thermoset-Insulated Wires and Cables.
3. Listed by UL as Type MC per Standard UL 1569.
4. Listed by UL as Sunlight Resistant, for Direct Burial, and For CT Use.

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