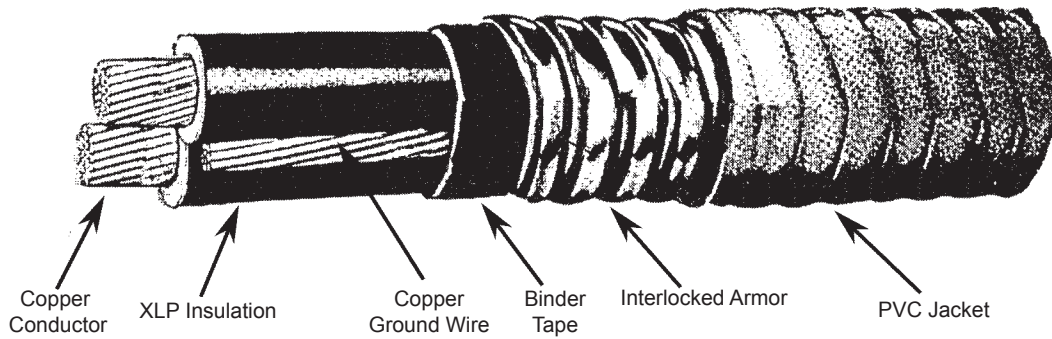


**INTERLOCKED ARMORED POWER CABLE, 600 VOLT  
FR-CROSS-LINKED POLYETHYLENE INSULATION (XHHW-2),  
TYPE MC**

**SPEC 3-22-0**  
Ver. 7.1  
Revised: 12/30/08



**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.						

**TWO CONDUCTOR 600 VOLT**

2	7	0.28	45	50	6	1.08	130	800
1	19	0.32	55	50	6	1.20	150	975
1/0	19	0.36	55	50	6	1.28	170	1145
2/0	19	0.41	55	50	6	1.37	195	1360
3/0	19	0.46	55	50	4	1.47	225	1675
4/0	19	0.51	55	50	4	1.58	260	2000
250	37	0.56	65	60	4	1.74	290	2360
300	37	0.61	65	60	3	2.01	320	2855
350	37	0.66	65	60	3	2.11	350	3230
400	37	0.71	65	60	3	2.20	380	3605
500	37	0.79	65	60	2	2.37	430	4375
600	61	0.87	80	75	2	2.62	475	5260
750	61	0.97	80	75	1	2.82	535	6415
1000	61	1.12	80	75	1/0	3.12	615	8280

**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. Cable listed by UL as Type MC per Standard 1569.
4. Listed by UL as Sunlight Resistant, for Direct Burial, For CT Use, and IEEE 1202.
5. Conforms to ICEA T-29-520 210KBTU/HR Vertical Tray Flame Test.

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