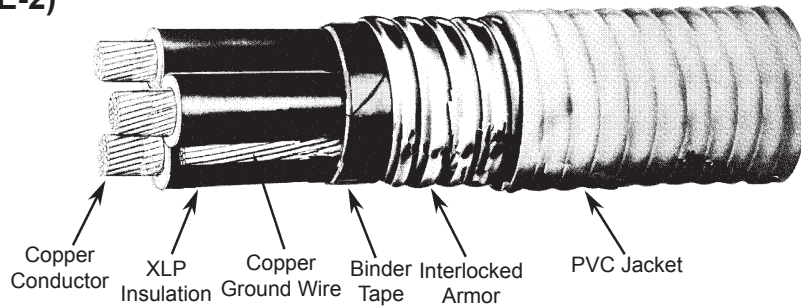


**INTERLOCKED ARMORED POWER CABLE, 600 VOLT, TYPE MC
FR-CROSS-LINKED POLYETHYLENE INSULATION
(RHW-2 or USE-2)**

SPEC 3-32-1
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.						

THREE CONDUCTOR 600 VOLT

6	7	0.18	60	50	8	1.04	75	590
4	7	0.23	60	50	8	1.09	95	775
2	7	0.28	60	50	6	1.21	130	1100
1	19	0.32	80	50	6	1.39	150	1380
1/0	19	0.36	80	50	6	1.48	170	1630
2/0	19	0.41	80	50	6	1.57	195	1940
3/0	19	0.46	80	60	4	1.70	225	2410
4/0	19	0.51	80	60	4	1.99	260	2980
250	37	0.56	95	60	4	2.16	290	3495
300	37	0.61	95	60	3	2.27	320	4075
350	37	0.66	95	60	3	2.41	350	4695
400	37	0.71	95	75	3	2.51	380	5240
500	37	0.79	95	75	2	2.69	430	6360
600	61	0.87	110	75	2	2.92	475	7545
750	61	0.97	110	75	1	3.14	535	9210
1000	61	1.12	110	85	1/0	3.48	615	11975

FOUR CONDUCTOR 600 VOLT

6	7	0.18	60	50	8	1.06	60	720
4	7	0.23	60	50	8	1.18	88	970
2	7	0.28	60	50	6	1.32	104	1265
1	19	0.32	80	50	6	1.52	120	1725
1/0	19	0.36	80	50	6	1.63	136	2080
2/0	19	0.41	80	60	6	1.74	156	2490
3/0	19	0.46	80	60	4	2.03	180	3135
4/0	19	0.51	80	60	4	2.17	208	3775
250	37	0.56	95	60	4	2.36	232	4435
300	37	0.61	95	60	3	2.52	256	5255
350	37	0.66	95	75	3	2.64	280	5980
400	37	0.71	95	75	3	2.74	304	6700
500	37	0.79	95	75	2	2.95	344	8145
600	61	0.87	110	75	2	3.23	380	9750
750	61	0.97	110	85	1	3.48	428	11920
1000	61	1.12	110	85	1/0	3.84	492	15450

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. Conductors conforms to UL 854 Service Entrance Cable.
4. Listed by UL as Type MC per Standard UL 1569.
5. Listed by UL as Sunlight Resistant, for Direct Burial, For CT Use and IEEE 1202.
6. Conforms to ICEA T-29-520 210KBTU/HR Vertical Tray Flame Test.

AETNA INSULATED WIRE, INC.
1537 AIR RAIL AVENUE, VIRGINIA BEACH, VA 23455
TELEPHONE: (800) 423-6505 FAX: (757) 605-2094
WWW.AETNAWIRE.COM

