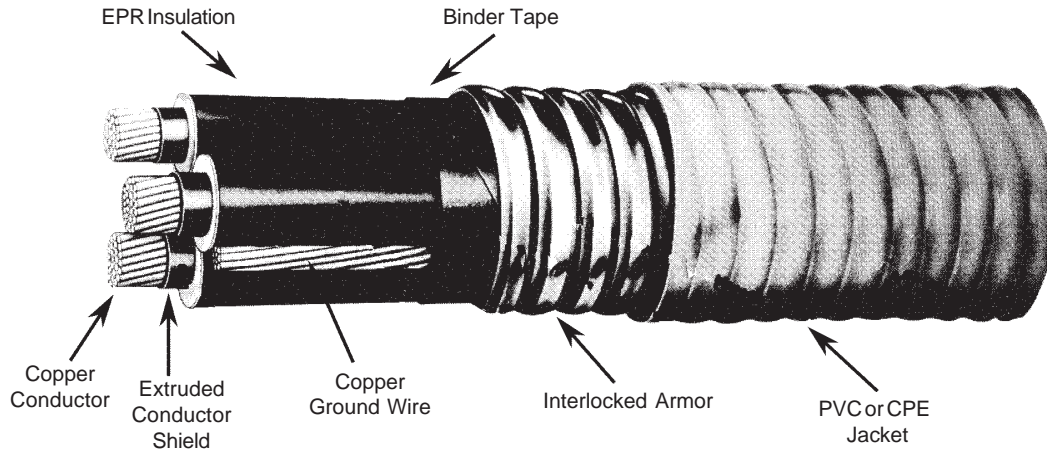


INTERLOCKED ARMORED POWER CABLE, 2400V (5000V+) EPR, NON-SHIELDED

SPEC 3-72-1
Ver. 7.0
Revised: 10/02/07



105°C CONDUCTOR TEMPERATURE, WET OR DRY, 100% OR 133% INSULATION LEVEL

Conductor			Insulation in Mils	Overall Jacket in Mils	Size AWG Copper Ground Wire	Approximate O.D. in Inches	Ampacity** 40°C Ambient	Approximate Net Weight§ LBS/KFT
Size AWG or KCMIL	No. of Strands	Nominal O.D.						

THREE CONDUCTOR 2400 VOLT, NON-SHIELDED

8*	7	0.14	90	50	8	1.11	66	610
6*	7	0.18	90	50	6	1.19	88	780
4*	7	0.23	90	50	6	1.28	115	990
2	7	0.27	90	50	6	1.38	154	1285
1*	19	0.32	90	50	4	1.49	180	1580
1/0	19	0.34	90	50	4	1.52	205	1810
2/0	19	0.38	90	60	4	1.61	240	2130
3/0	19	0.42	90	60	3	1.73	280	2600
4/0	19	0.48	90	60	3	2.01	320	3190
250	37	0.52	90	60	2	2.14	355	3725
300*	37	0.61	90	60	2	2.34	400	4355
350	37	0.62	90	60	2	2.35	440	4855
400*	37	0.71	90	75	1	2.57	475	5625
500	37	0.74	90	75	1	2.64	545	6640
600*	61	0.87	90	75	1/0	2.95	605	7975
750	61	0.91	90	75	1/0	3.04	685	9525
1000*	61	1.12	90	85	2/0	3.51	790	12510

Note:**Based on three conductor cable isolated in air per NEC. For other installations refer to the NEC.

*ICEA and UL voltage class.

*Compressed conductors.

§Weights based on aluminum armor assembly.

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

STANDARDS AND RATINGS:

1. Conforms to ICEA S-96-659/NEMA WC71 Nonshielded 2001-5KV Cables.
2. Cable listed by UL as Type MV-105 or MC per Standard 1072.
3. Listed by UL as Sunlight Resistant, for Direct Burial, and For CT Use.
4. Listed by UL as For CT Use & LS (Aetna 3742 LSOH jacket only)

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