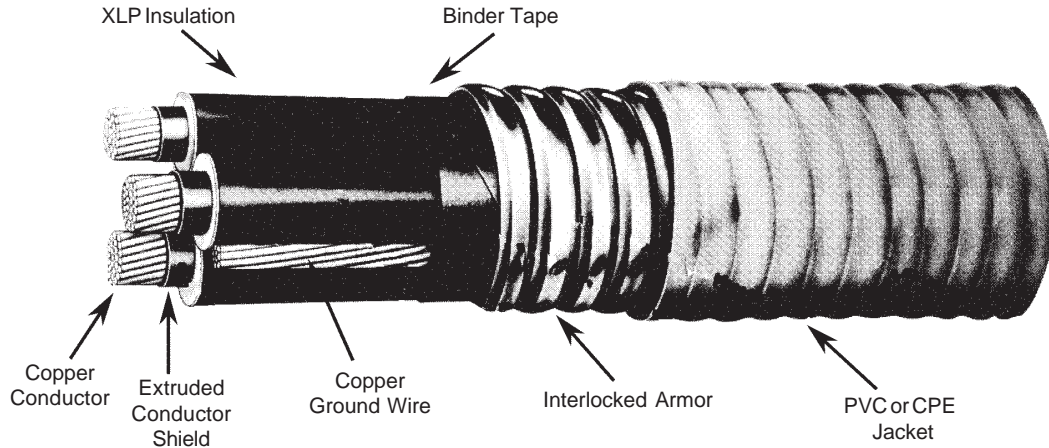


INTERLOCKED ARMORED POWER CABLE, 2400V (5000V+) XLP, NON-SHIELDED

SPEC 3-52-1
Ver. 7.0
Revised: 10/02/07



90°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 | 59 | 580 |
| 6* | 7 | 0.18 | 90 | 50 | 6 | 1.19 | 79 | 750 |
| 4* | 7 | 0.23 | 90 | 50 | 6 | 1.28 | 105 | 955 |
| 2 | 7 | 0.27 | 90 | 50 | 6 | 1.38 | 140 | 1245 |
| 1* | 19 | 0.32 | 90 | 50 | 4 | 1.49 | 160 | 1530 |
| 1/0 | 19 | 0.34 | 90 | 50 | 4 | 1.52 | 185 | 1760 |
| 2/0 | 19 | 0.38 | 90 | 60 | 4 | 1.61 | 215 | 2080 |
| 3/0 | 19 | 0.42 | 90 | 60 | 3 | 1.73 | 250 | 2542 |
| 4/0 | 19 | 0.48 | 90 | 60 | 3 | 2.01 | 285 | 3125 |
| 250 | 37 | 0.52 | 90 | 60 | 2 | 2.14 | 320 | 3650 |
| 300* | 37 | 0.61 | 90 | 60 | 2 | 2.34 | 355 | 4275 |
| 350 | 37 | 0.62 | 90 | 60 | 2 | 2.35 | 395 | 4770 |
| 400* | 37 | 0.71 | 90 | 75 | 1 | 2.57 | 420 | 5535 |
| 500 | 37 | 0.74 | 90 | 75 | 1 | 2.64 | 485 | 6550 |
| 600* | 61 | 0.87 | 90 | 75 | 1/0 | 2.95 | 540 | 7865 |
| 750 | 61 | 0.91 | 90 | 75 | 1/0 | 3.04 | 615 | 9410 |
| 1000* | 61 | 1.12 | 90 | 85 | 2/0 | 3.51 | 705 | 12375 |

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-90 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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