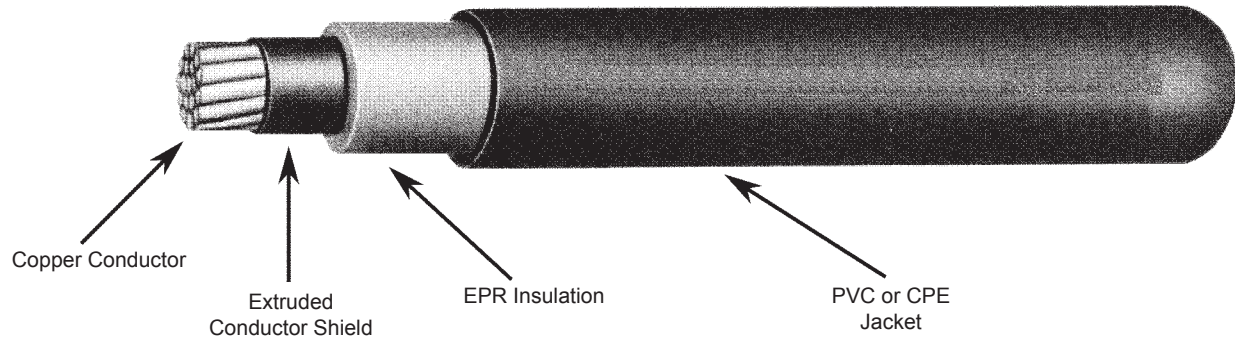


**EPR POWER CABLE, NON-SHIELDED, 2400V (5000V+)
TYPE MV-90, WET OR DRY**

SPEC 2-51-1
Ver. 7.1
Revised: 12/30/08



90°C CONDUCTOR TEMPERATURE, 100% OR 133% INSULATION LEVEL

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

SINGLE CONDUCTOR 2400 VOLT, NON-SHIELDED

8*	7	0.14	125	80	0.62	55	215
6*	7	0.18	125	80	0.64	75	260
4*	7	0.23	125	80	0.69	97	330
2	7	0.27	125	80	0.75	130	430
1*	19	0.32	125	80	0.78	155	500
1/0	19	0.34	125	80	0.81	180	585
2/0	19	0.38	125	80	0.86	205	685
3/0	19	0.42	125	95	0.94	240	815
4/0	19	0.48	125	95	0.99	280	1010
250	37	0.52	140	110	1.11	315	1190
350	37	0.62	140	110	1.21	385	1590
500	37	0.74	140	110	1.33	475	2120
750	61	0.91	155	125	1.58	600	3090
1000*	61	1.12	155	125	1.79	690	3950

Note: **Based on three single conductor cables in isolated conduit in air per NEC.

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

*Compressed conductors.

*ICEA voltage class.

STANDARDS AND RATINGS:

1. Listed by UL as Type MV-90 per Standard 1072.
2. Conforms to ICEA S-96-659/NEMA WC71 NonShielded 2001V - 5KV Cables.
3. Listed by UL For CT Use (Sizes #1/0 AWG and larger CPE jacketed).

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