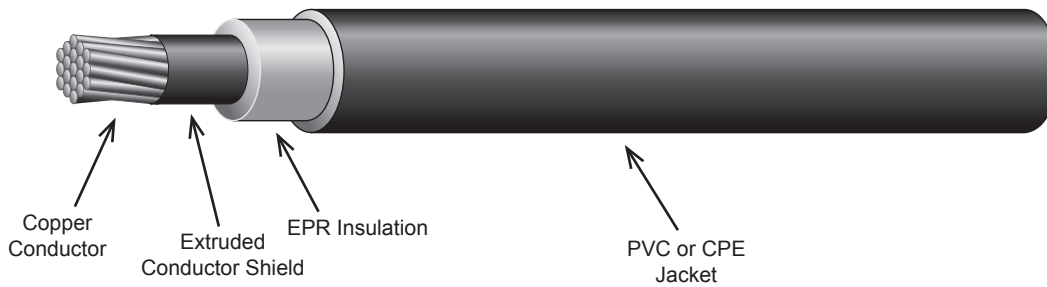


**EPR POWER CABLE, NON-SHIELDED, 2400V (5000V+)  
TYPE MV-90, DRY**

**SPEC 2-41-1**

Ver. 7.2  
Revised: 01/25/11



90°C CONDUCTOR TEMPERATURE, DRY, 100% 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.					
<b>SINGLE CONDUCTOR 2400 VOLT, NON-SHIELDED</b>							
8*	7	0.14	90	30	0.43	55	110
6*	7	0.18	90	30	0.45	75	150
4*	7	0.23	90	45	0.53	97	210
2	7	0.27	90	45	0.60	130	305
1*	19	0.32	90	45	0.63	155	375
1/0	19	0.34	90	45	0.66	180	470
2/0	19	0.38	90	45	0.71	205	510
3/0	19	0.42	90	65	0.80	240	685
4/0	19	0.48	90	65	0.85	280	835
250	37	0.52	90	65	0.90	315	965
350	37	0.62	90	65	1.01	385	1305
500	37	0.74	90	65	1.14	475	1815
750	61	0.91	90	65	1.32	600	2665
1000*	61	1.12	90	65	1.53	690	3515

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

\*Compressed conductors.

\*ICEA voltage class.

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

**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).