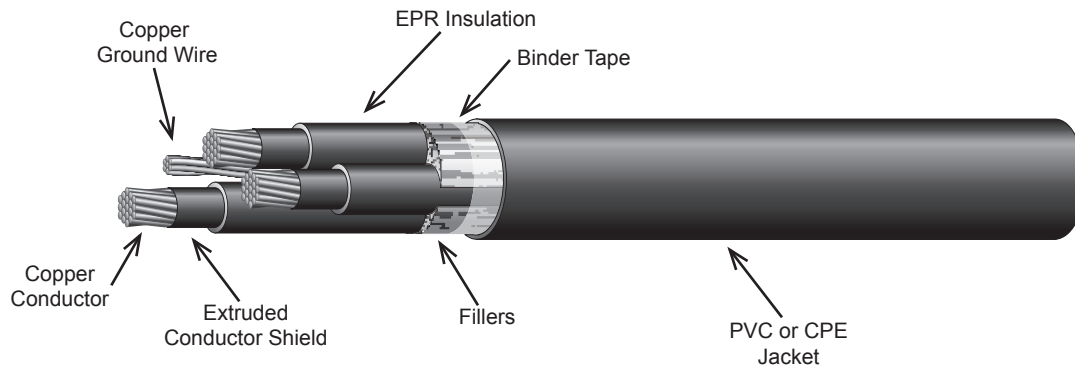


**EPR POWER CABLE, NON-SHIELDED, 2400V(5000V+)
TYPE MV-105, WET OR DRY**

SPEC 2-51-2

Ver. 7.2
Revised: 01/25/11



105°C CONDUCTOR TEMPERATURE, 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	80	8	1.00	66	520
6*	7	0.18	90	80	6	1.06	88	685
4*	7	0.23	90	80	6	1.16	115	890
2	7	0.27	90	80	6	1.25	154	1175
1*	19	0.32	90	80	4	1.37	180	1455
1/0	19	0.34	90	80	4	1.40	205	1685
2/0	19	0.38	90	80	4	1.49	240	2000
3/0	19	0.42	90	110	3	1.59	280	2425
4/0	19	0.48	90	110	3	1.77	320	3010
250	37	0.52	90	110	2	1.89	355	3530
350	37	0.62	90	110	2	2.10	440	4635
500	37	0.74	90	140	1	2.36	545	6330
750	61	0.91	90	140	1/0	2.83	685	9310
1000*	61	1.12	90	140	2/0	3.27	790	12200

Note:** Based on one three conductor cable isolated in air per NEC.
For other installations refer to the 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-105 per Standard 1072.
2. Conforms to ICEA S-96-659/NEMA WC71 Nonshielded 2001V - 5KV Cables.
3. Listed by UL as Sunlight Resistant.

