

MEDIUM VOLTAGE POWER CABLE
Nonshielded - 2.4kV - EPR Insulation
PVC Jacket
MV-90



Conductor:

- Compressed class B stranded tinned copper

Conductor Shield:

- Nylon semi-conducting tape

Insulation:

- 90°C rated Ethylene Propylene Rubber (EPR)

Jacket:

- Extruded sunlight resistant PVC jacket

Applications:

- UL listed
- OSHA acceptable
- Suitable for use in wet or dry locations at maximum operating temperature of 90°C for normal operation; 130°C for emergency overload conditions; and 250°C for short circuit conditions
- May be installed in conduit, duct or aerially when properly supported by a messenger

Standards:

- ICEA S-96-659
- UL-1072
- 2,400 Volts
- Article 328 and 310
- MV-90

Part #	AWG Size	No. of Strands	Nom. Cond. Diameter	Min. Avg. Insul. Wall	Nom. O.D.	Lbs/M	Amps	Splice	Termination
MVE10601	6	7	.181"	.125"	.605"	231	75	Heat Specs	Cold Specs-Heat Specs
MVE10401	4	7	.228"	.125"	.650"	296	97	Heat Specs	Cold Specs-Heat Specs
MVE10201	2	7	.287"	.125"	.710"	396	130	Heat Specs	Cold Specs-Heat Specs
MVE10101	1	19	.327"	.125"	.750"	465	155		
MVE11/001	1/0	19	.367"	.125"	.790"	548	180	Heat Specs	Cold Specs-Heat Specs
MVE12/001	2/0	19	.412"	.125"	.835"	646	205	Heat Specs	Cold Specs-Heat Specs
MVE14/001	4/0	19	.520"	.125"	.975"	959	280	Heat Specs	Cold Specs-Heat Specs
MVE125001	250	37	.566"	.140"	1.08"	1153	315	Heat Specs	Cold Specs-Heat Specs
MVE135001	350	37	.670"	.140"	1.18"	1512	385	Heat Specs	Cold Specs-Heat Specs
MVE150001	500	37	.800"	.140"	1.32"	2103	475		
MVE175001	750	61	.983"	.155"	1.55"	2971	600		

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances.