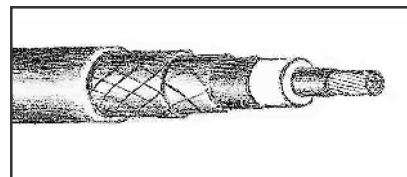


Little Rock **Virginia Beach**
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5KV/8KV Single Conductor Shielded EPR Insulation PVC Jacket 5KV 100% Or 133% Insulation Level; 8KV-100% Insulation Level UL Type MV-105.

Application: As medium voltage MV-105 power cable for use in main feeder, distribution and branch circuits in industrial, commercial and electric utility installations. Cables may be used in wet or dry locations in circuits not exceeding 5000 volts 133% insulation level or 8000 volts 100% insulation level, at conductor temperatures not exceeding 90°C for normal, 130°C for emergency overload and 250°C for short-circuit conditions. Suitable for installation in conduit, tray, trough, ducts, aerial and direct burial applications.

Standards: Conforms to ICEA S-93-639/NEMA WC74, ICEA S-97-682, AEIC CS8, UL 1072 Listed as MV- 105

Construction: Annealed bare copper, class B per ASTM B-3, extruded conductor shield, EPR insulation, extruded insulation shield, 5 mil CU tape shield w/25% overlap, black PVC jacket, sunlight resistant. 1/0 and larger CT rated. Semiconducting thermosetting strand shield, EPR insulation and, semiconducting thermosetting insulation shield, all extruded in the same operation.

Catalog No.	Size AWG/MGM	No. of Strands	Insulation Thickness Mils	Insulation Diameter	Jacket Thickness Mils	Overall Diameter	Net Weight
5000 Volts, Shielded, 100% and 133% Insulation Levels – 8000 Volts 100% Insulation Level							
P0105	6	7	115	.43"	60	.63"	286 lbs/mft
P0205	4	7	115	.49"	60	.70"	357 lbs/mft
P0305	2	7	115	.57"	60	.81"	462 lbs/mft
P0405	1	19	115	.61"	60	.85"	565 lbs/mft
P0505	1/0	19	115	.65"	60	.89"	620 lbs/mft
P0605	2/0	19	115	.69"	80	.94"	727 lbs/mft
P0705	3/0	19	115	.74"	80	.99"	896 lbs/mft
P0805	4/0	19	115	.80"	80	1.04"	1070 lbs/mft
P0905	250	37	115	.85"	80	1.07"	1212 lbs/mft
P1005	350	37	115	.96"	80	1.21"	1575 lbs/mft
P1105	500	37	115	1.08"	80	1.35"	2112 lbs/mft
P1205	750	61	115	1.28"	80	1.62"	3033 lbs/mft
P1305	1000	61	115	1.35"	.110	2.03"	3903 lbs/mft

* Shipping Tolerances +/- 10%

1-800-945-5542

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