

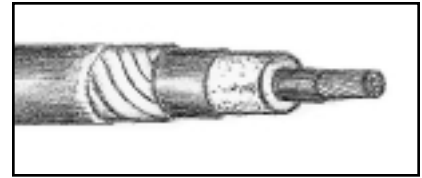


<http://www.prioritywire.com>

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1-800-945-5542

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35KV

Single Conductor Shielded EPR Insulation PVC Jacket 35KV

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 35000 volts 100% insulation level at conductor temperatures not exceeding 105°C for normal, 130°C for emergency overload and 250°C for short-circuit conditions. Suitable for installation in conduit, trough, ducts, aerial and direct burial applications.

Standards: Conforms to ICEA S-93-639/NEMA WC74, ICEA S-97-682, AIEC 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	No. of Strands	Thickness Mils		Diameter over Insulation	Overall Diameter	Net Weight
			Insulation	Jacket			
P0109	1/0	19	345	80	1.25"	1.51"	1230 lbs/mft
P0209	2/0	19	345	80	1.30"	1.58"	1365 lbs/mft
P0309	3/0	19	345	80	1.35"	1.62"	1520 lbs/mft
P0409	4/0	19	345	80	1.40"	1.70"	1715 lbs/mft
P0509	250	37	345	80	1.45"	1.82"	1880 lbs/mft
P0609	350	37	345	110	1.55"	1.94"	2390 lbs/mft
P0709	500	37	345	110	1.68"	1.07"	3060 lbs/mft
P0809	750	61	345	110	1.79"	2.13"	4035 lbs/mft
P0909	1000	61	345	110	1.94"	2.29"	5000 lbs/mft

* Shipping Tolerances +/- 10%