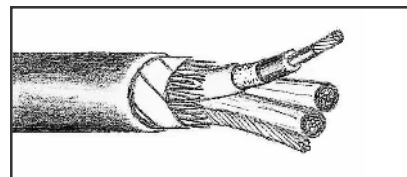


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5 KV THREE CONDUCTOR NONSHIELDED EPR Insulation PVC Jacket 100% or 133% Insulation Level UL Type MV-105

Application: As three conductor 5000 volt nonshielded power cable. Type MV-105, for use at conductor temperature not exceeding 105°C in wet or dry locations for normal operation, 130°C for emergency overload and 250°C for short circuit conditions. Suitable for installation in conduit, trays, troughs, ducts and aerial 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 or kcmil	No. of Strands	Thickness in Mils		Nominal Diameter Over Insulation Inches	Nominal Diameter Inches	Grounding Conductor Size AWG	Approximate Net Weight lb/1000 ft.	Ampacity*	
			Insulation	Jacket					Conduit	Air
P01010	6	7	115	80	.45	1.16	6	795	69	79
P02010	4	7	115	80	.50	1.26	6	1010	91	105
P03010	2	7	115	80	.58	1.39	6	1305	125	140
P04010	1	19	115	80	.60	1.48	4	1600	140	160
P05010	1/0	19	115	80	.64	1.56	4	1890	165	185
P06010	2/0	19	115	80	.68	1.65	4	2150	190	215
P07010	3/0	19	115	110	.73	1.83	3	2650	220	250
P08010	4/0	19	115	110	.79	1.95	3	3220	255	285
P09010	250	37	115	110	.84	2.07	3	3830	280	320
P10010	350	37	115	110	.95	2.30	2	4965	350	395
P11010	500	37	115	110	1.08	2.58	1	6610	425	485
P12010	750	61	115	140	1.27	3.05	1/0	9490	525	615
P13010	1000	61	115	140	1.42	3.37	1/0	11285	590	705

* Shipping Tolerances +/- 10%

Notes: 1. Grounding conductor sized in accordance with Table 250-95 of the NEC and UL Standard 1072

2. Cable is not UL listed for Direct Burial

1-800-945-5542

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