

15KV Medium Voltage MV-90 Wire Cable
Single Conductor Shielded XLP Insulation
PVC Jacket 133% Insulation Level
UL Type Wire Cable MV-90 Medium Voltage Wires Cables 133
Percent Insulation Level Wiring Cabling



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Application: As medium voltage MV-90 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 15000 Volts 133% 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, trough, ducts, aerial and direct burial applications.

Standards: Conforms to ICEAS-93-639/NEMAWC74, ICEAS-97-682, AEICCS8, UL1072 Listed as MV-90.

Construction: Annealed bare copper, class B per ASTM-B-3, extruded conductor shield, XLP insulation, extruded insulation shield, CU wire shield, tape, black PVC jacket, sunlight resistant.

Medium Voltage MV-90 Wire Cable 15KV 133%
Insulation Level

15000Volts, Shielded, 133%InsulationLevel –Ungrounded MV-90 Medium Voltage Wire Cable

Part#	Size AWG	No. of Strands	Insulation Thickness Mils	Jacket Thickness Mils	Diameter Over Insulation Inches	Overall Diameter Inches	Weight Lbs. Per 1000 FT
MV 0107	2	7	220	80	.79	1.07	580
MV 0207	1	19	220	80	.83	1.11	645
MV 0307	1/0	19	220	80	.87	1.15	745
MV 0407	2/0	19	220	80	.92	1.20	850
MV 0507	3/0	19	220	80	.97	1.25	985
MV 0607	4/0	19	220	80	1.03	1.30	1150
MV 0707	250	37	220	80	1.08	1.36	1300
MV 0807	350	37	220	80	1.20	1.47	1670
MV 0907	500	37	220	80	1.32	1.60	2175
MV 1007	750	61	220	110	1.54	1.89	3189
MV 1107	1000	61	220	110	1.70	2.05	4105

Values are Nominal and/or Approximate.

Specifications, Design, and Construction are subject to change without notice.

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