

Little Rock
800-945-5542

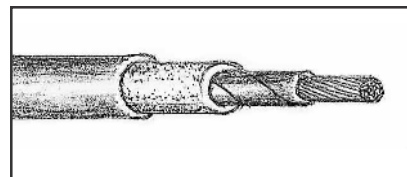
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5KV Single Conductor Non-Shielded EPR Insulation, Hypalon Jacket (CSPE) UL Type MV-105 Wet or Dry

Application: A. Where NEC jurisdiction applies; as 5,000 volt nonshielded power cable. Type MV-105, for use at conductor temperatures not exceeding 105°C in wet or dry locations. Cables meet requirements of Article 310-6 of the National Electrical Code. B. For other applications, as nonshielded power cables for use at 5000 volts 100% insulation level (grounded neutral) and 133% insulation level (ungrounded neutral) under the following conditions: (a) Single conductors mounted on insulation in free air in indoor or outdoor locations. Circuit voltages are 2400 volts, 4160 volts and 4800 volts. (b) Random lay singles in metal conduit and nonmetallic conduit in dry locations at circuit voltage of 2400 volts, 4160 volts and 4800 volts, and in damp or wet locations at circuit voltages of 2400 volts and 4160 volts. (c) Triplexed singles in metal conduit and nonmetallic conduit in damp or wet locations at circuit voltage of 4800 volts. (d) Single conductors or triplexed singles in cable tray, spaced block supports or in messenger supported rings in dry, damp or wet locations at circuit voltages of 2400 volts and 4160 volts. (e) Triplexed singles in cable tray, spaced block supports or in messenger supported rings in damp or wet locations at circuit voltage of 4800 volts. (f) Single conductors or triplexed singles, aerially, field-spun to grounded messenger in dry, damp or wet locations at circuit voltages of 2400 volts, 4160 volts, and 4800 volts.

Specifications: Listed by Underwriters Laboratories as 5,000 volt nonshielded cable, Type MV-105 per UL Standard 1072

- Conforms to ICEA Pub. No. 539-693 and NEMA Pub. No. WC4 for Ethylene-propylene-rubber-insulated Wire and Cable
- Sizes 1/0 and larger pass UL and IEEE Standard 383 ribbon burner flame test and are UL listed for CT use
- Construction: Annealed tinned copper conductor, extruded conductor shield, EPR insulation, discharge and moisture resistant Hypalon jacket, surface printed

Catalog No.	Size AWG	No. of Strands	Insulation Thickness	Jacket Thickness	Overall Diameter	Net Weight
P0102	8	7	.125"	.080"	.57"	195 lbs/mft
P0202	6	7	.125"	.080"	.62"	240 lbs/mft
P0302	4	7	.125"	.080"	.67"	305 lbs/mft
P0402	2	7	.125"	.080"	.76"	405 lbs/mft
P0502	1	19	.125"	.080"	.80"	480 lbs/mft
P0602	1/0	19	.125"	.080"	.84"	565 lbs/mft
P0702	2/0	19	.125"	.080"	.89"	665 lbs/mft
P0802	3/0	19	.125"	.095"	.96"	825 lbs/mft
P0902	4/0	19	.125"	.095"	1.03"	985 lbs/mft
P1002	250	37	.140"	.110"	1.14"	1185 lbs/mft
P1102	350	37	.140"	.110"	1.25"	1545 lbs/mft
P1202	500	37	.140"	.110"	1.40"	2055 lbs/mft
P1302	750	61	.155"	.125"	1.64"	3020 lbs/mft
P1402	1000	61	.155"	.125"	1.80"	3815 lbs/mft

* Shipping Tolerances +/- 10%

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