

5kV/8Kv - EPR Insulation, PVC Jacket - 3-Conductor

EPR Insulation - PVC Jacket
MV-105 - 133% Insulation Level
5kV/8kV - 3 Conductor



*Product images are for illustrative purposes only and may differ from the actual product.

Category Conductor Description:

- Annealed bare copper Compact, Class B stranding

Category Insulation Description:

- Ethylene Propylene Rubber (EPR), colored to contrast with the black conducting shield layers

Metallic Shield:

- 5 mils annealed copper tape with an overlap of 25%

Applications:

- Suitable for use in a broad range of commercial, industrial, and utility applications, where reliability is the major concern, space is limited, and ease of installation is critical
- Suitable for use in wet or dry locations when installed in accordance with the NEC For use in aerial, direct burial, conduit, open tray, and underground duct installations

Extruded Strand Shield:

- Extruded thermoset semi-conducting stress-control layer over conductor

Extruded Insulation Shield:

- Thermoset semi-conducting polymeric layer free stripping from insulation

Category Jacket Description:

- Flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC)

Standards:

- National Electric Code (NEC)
- UL 1072
- UL listed as Type MV-105 for use in accordance with NEC
- UL 1685
- IEEE 1202
- OSHA Acceptable

Part Number Table

Part#	Houston Wire & Cable	Gauge	Conductors	Stranding	Ground Gauge	Insulation Thickness	Jacket Thickness	Outside Diameter Inches	Material Weight (Lbs./M')
MVE20603	HW21300603	6	3	7	6	0.115	0.08	1.29	939
MVE20403	HW21300403	4	3	7	6	0.115	0.08	1.39	1163.7
MVE20203		2	3	7	6	0.115	0.08	1.51	1471.5
MVE21/003	HW21310103	1/0	3	19	4	0.115	0.11	1.67	1978.1
MVE22/003	HW21320103	2/0	3	19	4	0.115	0.11	1.82	2282.8
MVE24/003	HW21340103	4/0	3	19	3	0.115	0.11	2.07	3298.6
MVE225003	HW21325003	250	3	37	3	0.115	0.11	2.15	3773.7
MVE235003	HW21335003	350	3	37	2	0.115	0.11	2.36	4844
MVE250003	HW21350003	500	3	37	1	0.115	0.11	2.64	6370.7
MVE275003	HW21375003	750	3	61	1/0	0.115	0.14	3.14	9279.3

Note: The data shown is approximate and subject to standard industry and manufacturer tolerances

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