

## 15kV - EPR Insulation, PVC Jacket - 3-Conductor

EPR Insulation - PVC Jacket  
MV-105 - 133% Insulation Level  
15kV - 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

### Grounding Conductor:

- 1-3 bare or covered grounding copper conductors may be supplied in the twisted assembly upon request

### 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

### Extruded Strand Shield:

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

### Extruded Insulation Shield:

- Thermoset semi-conducting polymeric layer free stripping from insulation

### Metallic Shield:

- 8 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

- OSHA Acceptable

**Part Number Table**

<b>Part#</b>	<b>Gauge</b>	<b>Conductors</b>	<b>Stranding</b>	<b>Ground Gauge</b>	<b>Insulation Thickness</b>	<b>Jacket Thickness</b>	<b>Outside Diameter Inches</b>	<b>Material Weight (Lbs./M')</b>
MVE30203	2	3	7	6	0.22	0.11	2.04	2066.1
MVE31/003	1/0	3	19	4	0.22	0.11	2.2	2613.3
MVE32/003	2/0	3	19	4	0.22	0.11	2.3	2943.7
MVE34/003	4/0	3	19	3	0.22	0.11	2.52	3903.1
MVE325003	250	3	37	3	0.22	0.11	2.66	4775
MVE335003	350	3	37	2	0.22	0.14	2.94	5522
MVE350003	500	3	37	1	0.22	0.14	3.21	7257.2
MVE375003	750	3	61	1/0	0.22	0.14	3.61	10978

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

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