

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

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

**Medium Voltage**



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

### Category Conductor Description:

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- Annealed bare copper Compact, Class B stranding

### Extruded Strand Shield:

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

### Category Insulation Description:

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

### Extruded Insulation Shield:

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- Thermoset semi-conducting polymeric layer free stripping from insulation

### Metallic Shield:

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

### Category Jacket Description:

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

**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

**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#	Gauge	Conductors	Stranding	Ground Gauge	Insulation Thickness	Jacket Thickness	Outside Diameter Inches	Material Weight (Lbs./M')	
MVE20603	6	3	7	6	0.115	0.08	1.29	939	
MVE20403	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	1/0	3	19	4	0.115	0.11	1.67	1978.1	
MVE22/003	2/0	3	19	4	0.115	0.11	1.82	2282.8	
MVE24/003	4/0	3	19	3	0.115	0.11	2.07	3298.6	
MVE225003	250	3	37	3	0.115	0.11	2.15	3773.7	
MVE235003	350	3	37	2	0.115	0.11	2.36	4844	
MVE250003	500	3	37	1	0.115	0.11	2.64	6370.7	
MVE275003	750	3	61	1/0	0.115	0.14	3.14	9279.3	

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

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