

15kV - EPR Insulation, PVC Jacket - Single Conductor

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

Extruded Strand Shield:

- Extruded thermoset semi-conducting stress control layer over conductor

Category Insulation Description:

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

Extruded Insulation Shield:

- Thermoset semi-conducting polymeric layer free stripping from insulation

Metallic Shield:

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

Category Jacket Description:

- Low-friction, flame retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC)

Applications:

- Suitable for use in wet or dry locations in accordance with the NEC
- For use in aerial, direct burial, conduit, open tray, and underground duct installations
- For use in direct burial if installed in a system with a ground conductor that is in close proximity, and conforms with NEC 250.4(A)(5)

Standards:

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

Part Number Table

| Part# | Gauge | Stranding | Insulation Thickness | Jacket Thickness | Nominal OD over Insulation | Outside Diameter Inches | Material Weight (Lbs./M') |
|------------|-------|-----------|----------------------|------------------|----------------------------|-------------------------|---------------------------|
| MVE30201 | 2 | 7 | 0.22 | 0.08 | .750 | 0.99 | 656 |
| MVE30101 | 1 | 19 | 0.22 | 0.08 | .790 | 1.03 | 733 |
| MVE31/001 | 1/0 | 19 | 0.22 | 0.08 | .830 | 1.06 | 820.8 |
| MVE32/001 | 2/0 | 19 | 0.22 | 0.08 | .870 | 1.1 | 930.3 |
| MVE33/001 | 3/0 | 19 | 0.22 | 0.08 | .920 | 1.14 | 1061.1 |
| MVE34/001 | 4/0 | 19 | 0.22 | 0.08 | .970 | 1.21 | 1237.2 |
| MVE325001 | 250 | 37 | 0.22 | 0.08 | 1.02 | 1.25 | 1390.4 |
| MVE335001 | 350 | 37 | 0.22 | 0.08 | 1.12 | 1.35 | 1760.8 |
| MVE350001 | 500 | 37 | 0.22 | 0.08 | 1.25 | 1.47 | 2267.4 |
| MVE375001 | 750 | 61 | 0.22 | 0.08 | 1.43 | 1.65 | 3189.8 |
| MVE3100001 | 1000 | 61 | 0.22 | 0.11 | 1.59 | 1.86 | 4170.2 |

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

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