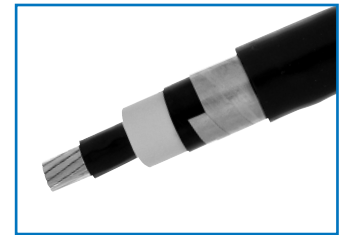
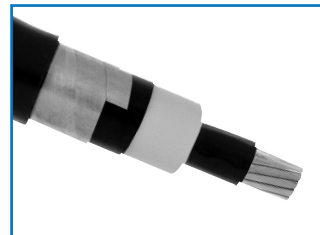


EPR Insulation-PVC Jacket, Compressed Stranding, Insulation Level, 15kV-Single Conductor



Product Construction

Conductor:

- Annealed bare copper
- Compressed, Class B stranding

Extruded Strand Shield:

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

Insulation:

- 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

Grounding Conductor(s):

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

Metallic Shield:

- Annealed copper tape with an overlap of 25%

Jacket:

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

Applications

- Suitable for use in wet or dry locations when installed in accordance with 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)

Features

- UL Listed as Type MV-105 for use in accordance with the NEC
- Sizes 1/0 AWG and larger are also listed and marked "Sunlight Resistant For CT" in accordance with the NEC
- Lower coefficient of friction for ease of installation
- Temperature Range: Normal 105°C, Emergency 140°C, Short Circuit 250°C

Standards

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

Medium Voltage Power Cable



| Part # | AWG | Insulation Thickness | Jacket Thickness | Nominal O.D. | Lbs./M' |
|---------------|-----|----------------------|------------------|--------------|---------|
| MVE30201-SPX | 2 | .220" | .080" | 1.072" | 729 |
| MVE31/001-SPX | 1/0 | .220" | .080" | 1.151" | 909 |
| MVE32/001-SPX | 2/0 | .220" | .080" | 1.194" | 1026 |
| MVE33/001-SPX | 3/0 | .220" | .080" | 1.245" | 1171 |
| MVE34/001-SPX | 4/0 | .220" | .080" | 1.301" | 1348 |
| MVE325001-SPX | 250 | .220" | .080" | 1.347" | 1502 |
| MVE335001-SPX | 350 | .220" | .080" | 1.450" | 1888 |
| MVE350001-SPX | 500 | .220" | .080" | 1.578" | 2497 |
| MVE375001-SPX | 750 | .220" | .080" | 1.821" | 3437 |

*Accessories are available for all medium voltage products.

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