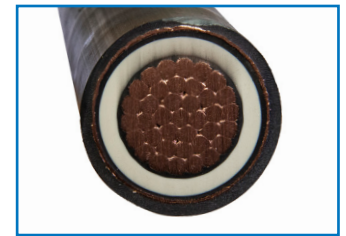


## EPR Insulation-PVC Jacket, MV-105-133% Insulation Level, 5kV/8kV-3 Conductor



### Product Construction

#### Conductor:

- Annealed bare copper
- Compact, Class B stranding

#### Extruded Stranded 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 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 NEC
- For use in aerial, direct burial, conduit, open tray, and underground duct installations

### Features

- UL Listed as Type MV-105 for use in accordance with the NEC
- UL Labeled and marked "Sunlight resistant for CT Use"
- Compact twisted assembly offers ease of installation and lower voltage drop characteristics as compared to multiple single conductor systems
- 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
- IEEE 1202
- OSHA Acceptable

# Medium Voltage Power Cable



Part #	AWG	Conductors	Stranding	Ground AWG	Insulation Thickness	Jacket Thickness	Nom. O.D.	Lbs./M'
MVE20603	6	3	7	.6	.115"	.080"	1.29"	939
MVE20403	4	3	7	6	.115"	.080"	1.39"	1163.7
MVE20203	2	3	7	6	.115"	.080"	1.51"	1471.5
MVE21/003	1/0	3	19	4	.115"	.110"	1.67"	1978.1
MVE22/003	2/0	3	19	4	.115"	.110"	1.82"	2282.8
MVE24/003	4/0	3	19	3	.115"	.110"	2.07"	3298.6
MVE225003	250	3	37	3	.115"	.110"	2.15"	3773.7
MVE235003	350	3	37	2	.115"	.110"	2.36"	4844
MVE250003	500	3	37	1	.115"	.110"	2.64"	6370.7
MVE275003	750	3	61	1/0	.115"	.140"	3.14"	9279.3

\*Accessories are available for all medium voltage products.

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