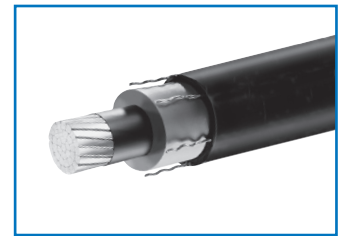
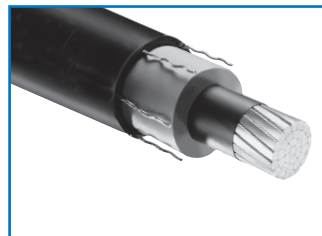


## EPR Insulation-CPE Jacket, UL Type MV-105, 133% (5kV) or 100% (8kV), Shielded-Single Conductor-5kV and 8kV, UNISHIELD®



### Product Construction

#### Conductor:

- Annealed bare copper
- Anapact™ Compact, Class B stranding

#### Extruded Strand Shield:

- Extruded thermoset semi-conducting stress control layer over conductor

#### Insulation:

- Lead-free Ethylene Propylene Rubber (EPR) insulation, contrasting in color to the black semi-conducting shield layer

#### Composite Insulation Shield and Jacket:

- Six corrugated copper drain wires embedded in an extruded black conducting flame-retardant Chlorinated Polyethylene (CPE) composite insulation shield and jacket

### Applications

- Suitable for use in wet or dry locations when installed in accordance with NEC
- Suitable for use in aerial, direct burial, conduit, open tray, and underground duct installations
- For use in broad range of commercial, industrial, and utility projects

### Features

- Flexible for easy handling
- Meets Cold Bend Test at -55°C
- Reduced conductor size and shield system provides the smallest premium medium-voltage shielded, jacketed power cable with full insulation
- Smaller outside dimensions may reduce the size of duct needed or increase the ampacity per duct
- All features attribute to the fastest and easiest to install
- UL Listed as Type MV-105 for use in accordance with the NEC
- Sizes 1/0 AWG and larger are listed and marked "For CT Use" in accordance with the NEC
- Sizes 1/0 AWG and larger are listed and marked "For CT Use" in accordance with the NEC, and also meet the IEEE 383 (70,000 BTU/hr)
- Temperature Rating: 105°C

### 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

# Medium Voltage Power Cable



Part #	AWG	Stranding	Insulation Thickness	Jacket Thickness	Nominal O.D. Over Insulation	Nom. O.D.	Lbs./M'
MVU10201	2	7	.115"	.075"	.542"	.770"	404
MVU11/001	1/0	19	.115"	.075"	.615"	.787"	563
MVU12/001	2/0	19	.115"	.080"	.658"	.837"	675
MVU14/001	4/0	19	.115"	.080"	.759"	1.04"	951
MVU125001	250	37	.115"	.080"	.813"	1.00"	1122
MVU135001	350	37	.115"	.080"	.909"	1.11"	1476
MVU150001	500	37	.115"	.085"	1.03"	1.36"	2003
MVU175001	750	61	.115"	.085"	1.22"	1.48"	2893
MVU1100001	1000	61	.115"	.100"	1.38"	1.61"	3786

\*Accessories are available for all medium voltage products.

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

General Cable UniShield® is a registered trademark of General Cable.