

## 5kV/8kV UNISHIELD - EPR Insulation, CPE Jacket

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



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

### Category Conductor Description:

- Annealed bare copper Anapact&trade; compact, Class B stranding

### Category Insulation Description:

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

### 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

### Extruded Strand Shield:

- Extruded thermoset semiconducting stress control layer over conductor

### 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

### 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**

<b>Part#</b>	<b>Gauge</b>	<b>Stranding</b>	<b>Insulation Thickness</b>	<b>Jacket Thickness</b>	<b>Nominal OD over Insulation</b>	<b>Outside Diameter Inches</b>	<b>Material Weight (Lbs./M')</b>
MVU10201	2	7	0.115	0.075	.542	0.77	404
MVU11/001	1/0	19	0.115	0.075	.615	0.787	563
MVU12/001	2/0	19	0.115	0.08	.658	0.837	675
MVU14/001	4/0	19	0.115	0.08	.759	1.04	951
MVU125001	250	37	0.115	0.08	.813	1	1122
MVU135001	350	37	0.115	0.08	.909	1.11	1476
MVU150001	500	37	0.115	0.085	1.03	1.36	2003
MVU175001	750	61	0.115	0.085	1.22	1.48	2893
MVU1100001	1000	61	0.115	0.1	1.38	1.61	3786

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances General Cable UniShield® is a registered trademark of General Cable

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