DWC
DISTRIBUTOR WIRE & CABLE



Medium Voltage When You Need It

Spec Overview

- MV-105 5kV-35kV
- 2 AWG - 750 MCM
- Single Conductor
- Copper Tape Shield

Industries Served

- Commercial Construction
- Data Centers
- Manufacturing
- Oil & Gas
- Renewables
- Utility

Deliverables You Can Trust

1.4 Million ft in Stock

Cable Management

No Cut Charges

No Reel Charges

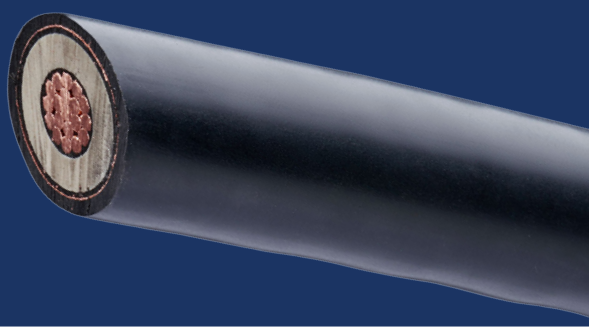
No Minimums

1-2 Day Shipping to 98% of the Continental U.S.

Contact us for quotes or questions!

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888-439-2947
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MV-105 5kV-35kV

CONSTRUCTION:

1. Conductor	Class B compressed stranded bare copper per ASTM B3 & ASTM B8
2. Conductor Shield	Semi-conducting cross-linked copolymer
3. Insulation	Ethylene Propylene Rubber (EPR)
4. Insulation Shield	Stripable semi-conducting cross-linked copolymer
5. Metallic Shield	Copper tape helically wrapped 5 mils copper tape with 25% overlap
6. Binder	Plastic tape
7. Overall Jacket	Polyvinyl Chloride (PVC)

APPLICATIONS AND FEATURES:

5kV-35kV cables are suited for use in wet and dry areas, conduits, ducts, direct burial, and where superior electrical properties are desired. These cables are capable of operating continuously at the conductor temperature not in excess of 105°C for normal operation, 140°C for emergency overload and 250°C for short circuit conditions.

SPECIFICATIONS:

- ASTM B3 Soft or annealed copper
- ASTM B8 Concentric-lay-standard copper
- UL 1072 - Medium Voltage Power Cables
- ICEA S-97-682 - Utility Shielded Power Cables Rated 5 through 46KV
- AEIC CS-8 Specification for extruded dielectric shielded power cables rated for 5 through 46kV
- UV Resistant
- Outdoor Rated

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