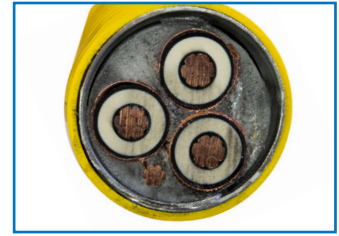


# Aluminum Interlocked Armor, EPR Insulation- PVC Jacket, UL Type MV-105 or MC, 5kV/8kV-3 Conductor-Shielded



### Product Construction

#### Conductor:

- Bare copper
- Compact Class B strand

#### Extruded Strand Shield:

- Thermoset semi-conducting extruded stress control layer over conductor

#### Insulation:

- Colored Ethylene Propylene Rubber (EPR)
- 5kV/133% insulation level
- 8kV/100% insulation level

#### Extruded Strand Shield:

- Thermoset semi-conducting polymeric layer free stripping from insulation.

#### Grounding Conductor:

- Annealed bare copper Class B stranding per ASTM B8

#### Shield:

- Annealed copper tape with a minimum 25% overlap

#### Armor:

- Aluminum interlocked armor

#### Jacket

- Flame and sunlight resistant Yellow PVC Jacket

### Applications

- Installed in wet or dry locations, indoors or outdoors, in exposed or concealed work
- May be used in cable trays or on approved support in protected areas
- Permitted for use in Class I; Class II, Divisions 1 and 2 hazardous locations per the NEC.

### Standards

- UL Type MV-105
- UL Type MC
- UL 1072
- IEEE-1202
- OSHA Acceptable

## Armored Cable



| Part #   | AWG | Conductors | Ground No. x<br>AWG | Nominal O.D.<br>Over Armor | Nom. O.D.<br>Overall | Lbs./M' |
|----------|-----|------------|---------------------|----------------------------|----------------------|---------|
| Y20203A  | 2   | 3          | 1 x #6              | 1.51"                      | 1.77"                | 1819    |
| Y21/003A | 1/0 | 3          | 1 x #4              | 1.60"                      | 1.92"                | 2364    |
| Y22/003A | 2/0 | 3          | 1 x #4              | 1.69"                      | 2.00"                | 2696    |
| Y24/003A | 4/0 | 3          | 1 x #3              | 2.09"                      | 2.22"                | 3687    |
| Y225003A | 250 | 3          | 1 x #3              | 2.21"                      | 2.34"                | 4165    |
| Y235003A | 350 | 3          | 1 x #2              | 2.41"                      | 2.57"                | 5436    |
| Y250003A | 500 | 3          | 1 x #1              | 2.64"                      | 2.84"                | 7170    |

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