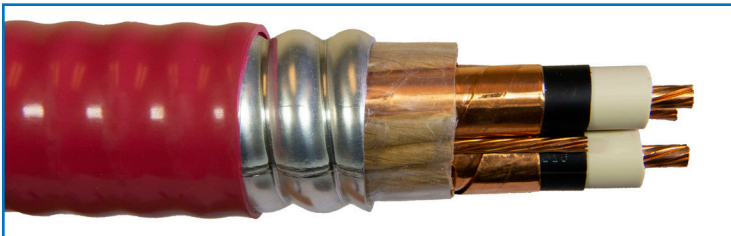


# 2.4kV-CCW Armored Power, Nonshielded, 3/C VFD

## UL Type MC-HL or MV-90, EPR, 90°C, Cable Tray Use, Sunlight-Resistant, Direct Burial, ABS CWCMC



### Product Construction

#### Conductor:

- Bare, annealed copper per ASTM B3
- Compact stranding per ASTM B496

#### Extruded Strand Shield:

- Extruded thermoset semi-conductor stress control layer over conductor per ICEA S-96-659 and UL 1072
- Color Code: ICEA Method 1

#### Insulation:

- 90 mils EPR per ICEA S-96-659 and UL 1072
- Insulation is printed 1-Black, 2-Red, and 3-Blue for phase identification

#### Grounding Conductor:

- Three split Class B stranded bare annealed copper grounding conductors
- Sized in accordance with UL 1072 and NEC Table 250.122

#### Armor

- Continuous, impervious, welded, corrugated aluminum armor

#### Jacket:

- Flame-retardant, moisture and sunlight resistant PVC yellow
- Low temperature performance meets ASTM D746 brittleness temperature at or below 40°C

### Applications

- Variable Frequency Drives: 3-conductor CCW armored cables with 3 symmetrical grounding wire are the preferred wiring method for use with AC motors controlled by pulse-width modulated inverters in VFD applications
- For use in feeders and branch circuits in industrial power distribution systems per NEC articles 328 and 330
- Approved for Classes I, II, and III, Divisions 1 and 2; and Class I, Zones 1 and 2, hazardous locations covered under NEC Articles 501, 502, and 503
- Installed on metal racks, troughs, in raceways, in cable trays or secured to supports spaced no more than 6 feet apart
- Installed in both exposed and concealed work, wet or dry locations, directly buried or embedded in concrete

### Features

- Cable meets cold impact at -40°C
- 90°C continuous operating temperature, wet or dry
- 140°C emergency rating
- 250°C short circuit rating

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