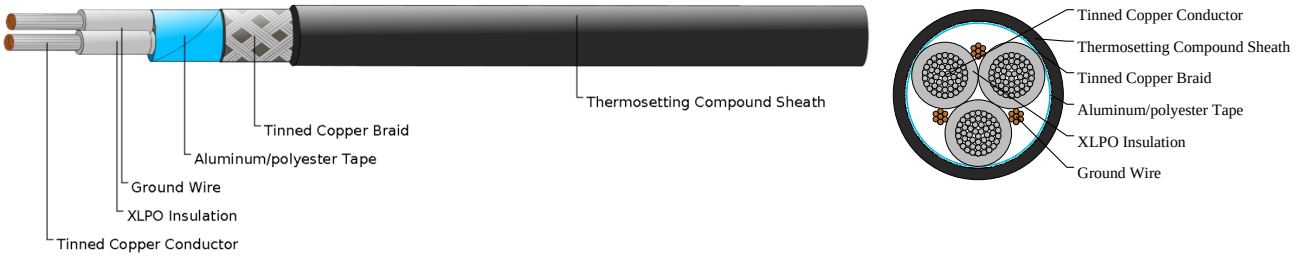
# Caledonian

VFD Cable

www.caledonian-cables.com marketing@caledonian-cables.com

## VFD Power Cable, Crush & Impact Resistant

3C1/0AWG+3C10AWG Ground Wires




## APPLICATIONS

These 2kV power cables specifically engineered for use in variable frequency AC motor drive (VFD) applications. Suitable for use in Class I, Division 2 and Zone 2 environments.

## VOLTAGE RATING

2kV

## CABLE CONSTRUCTION

Conductor: Soft annealed flexible stranded tinned copper per ASTM B-33.
Insulation: Chemically cross-linked, non-chlorinated flame retardant polyolefin meeting the requirements per UL 1277.
Filler: Non-hygroscopic filler tape.
Shield :Overall tinned copper braid plus aluminum/polyester tape providing 100% coverage.
Sheath: Crush & impact resistant, flame retardant, oil abrasion, chemical and sunlight resistant thermoplastic compound meeting UL 1277.

## COLOUR CODE

Color Gray with printed phase I.D.

## PHYSICAL AND THERMAL PROPERTIES

Maximum conductor temperature: + 90°C
Flame-retardant: IEEE 1202/FT-4
DC Resist.@25°C:0.117 Ohms/1000Ft.
AC Resist.@90°C,60 Hz:0.147 Ohms/1000Ft.
Voltage Drop at 90°C:0.234 V/A/1000Ft.
IEEE Ampacity at 90°C: 150
NEC Ampacity at 90°C: 170
IEEE Ampacity at 75°C: 126
NEC Ampacity at 75°C: 150

## DIMENSION AND PARAMETERS

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| No. of Conductor | AWG Size | Ground Wire | Approx. Overall Diameter | Cable Weight |
|---|---|---|---|---|
| | | AWG | in | Lbs./Kft |
| 3 | 1/0 | 3x10 | 1.447 | 1908 |