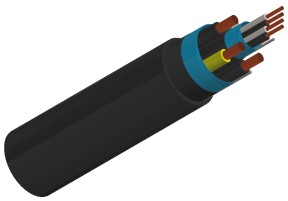
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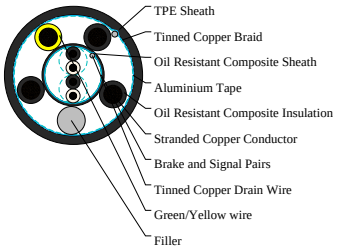
VFD Cable

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

## VFD-Shielded Power Cable with Brake & Signal Pairs

4C8AWG+2P16AWG






## APPLICATIONS

These high performance VFD cables are for dynamic industrial applications that reduces the effects of electrical noise and corona discharge, while providing a low impedance path to ground to eliminate the potential damage.

## CABLE CONSTRUCTION

Power Cores:
Conductor: Stranded fine copper conductor.
Insulation: Oil resistant composite material, provide high dielectric, tensile and mechanical properties.

Brake & Signal Pairs:
Conductor: Stranded copper conductor,16AWG,65/34.
Insulation: Oil resistant composite material.
Shield: 100% coverage aluminum/mylar foil with drain wire,18AWG.
Sheath: Oil resistant composite material, provide high dielectric, tensile and mechanical properties.

Assembly:
Fillers: Low friction, non-wicking fillers provide increased flexibility in dynamic applications.
Drain wire: Flat braid drain wire.
Braid: 100% coverage aluminum foil, overall 80% coverage tinned copper braid.
Outer sheath: Special TPE compound, oil, ozone, UV resistant, flame and heat resistant. All-weather flexibility.

## COLOUR CODE

Power Cores:3 black cores+1 yellow/green.
Brake & Signal Pairs: Black and white with printed numbers.

## PHYSICAL AND THERMAL PROPERTIES

CSA – 1000 Volt
CSA – FT-4
TC-ER – 600 Volt
Rated temperature – 90C

## DIMENSION AND PARAMETERS

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| No. of Cores | AWG Size | Conductor Stranding | Drain Wire Size | Nominal Sheath Thickness | Approx. Overall Diameter | Ampacity | Cable Weight |
|---|---|---|---|---|---|---|---|
| | | | AWG | in | in | amps | Lbs./Kft |
| 4 | 8 | 168/30 | 14 | 0.09 | 1 | 55 | 800 |