

Belden® Variable-Frequency Drive (VFD) Cables

1,000V UL Flexible Motor Supply Cable



Designed to overcome the problems and limitations of other cabling systems used for variable-frequency AC motor drives.

VFD cables carry the power from AC drive systems to AC motors and must handle not only high power levels, but also extremely high voltage.

Variable-frequency AC motor drive output cables are subject to a harsh operating environment characterized by high voltage spikes, high noise levels and adverse environmental conditions. VFD systems exist in both process and discrete industries such as general assembly, automotive, food and beverage, pulp and paper and petrochemical.

Conventional VFD cabling systems experience failure due to corona discharge or adverse conditions and are difficult and expensive to install. Belden VFD cable uses a thicker and more stable electrical insulation, plus features a dual shield. The combination of these two features result in Belden VFD cable to be installed at a lower cost than the least expensive VFD cable alternative.

One (1) Four-Conductor Stranded TC Circuit Conductors + (1) Full-sized Ground; Overall Beldfoil® + 85% TC Braid Shield; Full-sized TC Drain Wire. AWG: 2, 4, 6, 8, 10, 12, 14 and 16.

Ethernet Cables

Made for Tough Industrial Environments

DataTuff™ twisted pair copper Industrial Ethernet cables

Designed to withstand the rigors of industrial environmental factors such as exposure to oil and sunlight, temperature variation, abrasion and crushing or the presence of electro-magnetic interference (EMI) or radio frequency interference (RFI).

The DataTuff series includes nine twisted pair designs, verified to meet Category 5E performance standards and featuring heavy duty sun-light- and oil-resistant jackets. Seven of the cables feature Installable Performance® with Belden's patented Bonded-Pairs technology that delivers superior electrical performance even in harsh industrial installations.

