

## Engineered for Industrial Efficiency: Variable frequency drive cables

TKD Kabel's Variable Frequency Drive (VFD) cables are specifically engineered for optimal performance between VFD controllers and motors. Designed for both indoor and outdoor use, these cables feature a unique 3+3 construction to eliminate discharge currents, protecting motor bearings and ensuring long-term reliability. Available in a wide range of cross-sections (AWG14 to 350MCM), these VFD cables meet UL and NEC standards for Tray Cable (TC) and Exposed Run (ER), offering flexibility for open wiring according to NEC 336.10(7). Ideal for industries that rely on precise motor control, these cables deliver the performance and durability needed for modern industrial operations.

VFD Cables for Reliable Motor Control

## Maximize Efficiency and Protection – High-Performance VFD Cables for Critical Operations

### Industry Segments:

- Machinery and Equipment Manufacturing
- Automotive Industry
- Energy Sector
- Mining and Material Handling
- Oil and Gas Industry
- Chemical Industry
- Food and Beverage Industry
- Infrastructure and Building Automation
- Transportation and Logistics
- Water and Wastewater Management

### Products:

#### **KAWEFLEX® SERVO 2XSL(St)CYK-J VFD TRAY UL/CSA**



- For indoor & Outdoor usage
- Special designed between VFD Controller to VFD Motor
- 3+3 design to avoid discharge currents to protect motor bearings
- Double screening to prevent EMI from high and low frequencies
- Low operating capacity, low coupling resistance
- Rated Voltage: U<sub>o</sub>/U 0.6/1 kV (UL 1277: 600 V)
- TC: Tray Cable
- ER: Exposed Run
- Open wiring acc. NEC 336.10(7)
- Oil resistant according to UL OIL RES I
- UV resistant according to EN 50396 & SUN RES according to UL 1581
- Flame retardant according to FT4
- Cross section form AWG14 to 350MCM