

## Flexible VFD & Motor Supply Cable with UL/TC-ER/WTTC/CSA/CE Approvals



### Application

- Shielded multi-conductor cable for VFD and Motor applications to connect power from drives to motors
- Cable design for harsh industrial environments and operating conditions with high noise levels
- XLPE thick wall insulation with low capacitance, ideal for applications with **high voltage spikes and long cable runs**
- Compliant with **NFPA 79** for wiring of industrial machinery
- **TC-ER** for use with cable trays **without conduit**, which can reduce material and labor costs
- WTTC – wind turbine tray cable rating for use in wind power generation
- Dry, damp or wet conditions

### Characteristics

- Flexible XLPE conductor design
- Non-wicking fillers
- Effective dual layer shield for EMC compliance
- Specially formulated jacket for oil resistance and easy strip design
- Low capacitance cable
- Round cable – seals well with circular connectors
- Sunlight resistant
- Direct burial
- UL Type TC-Exposed Run
- Talc free and silicone free

### Technical Data

Voltage	600V UL TC 1000V Flexible VFD Servo cable 90C 1000V WTTC
Temperature	-40°C - +90°C static
Bending radius	6 x cable OD
Conductor marking	Black with white numbers and one green/yellow ground
Approvals	UL Type TC-ER UL/AWM/CSA/CE UL DP-1 Flexible VFD Servo cable WTTC Class 1, Div. 2 per NEC Art. 336, 392, 501 C(UL) TC CIC FT4 UL 1277 Oil res II Wet/Dry MSHA RoHS

### Construction

- Flexible fine wire stranded tinned copper conductors for improved electrical characteristics and reduced oxidation
- XLPE insulation RHW-2, Wet/Dry
- Shielded with foil tape, tinned copper braid with ≥80% optical coverage, and drain wire
- Flexible, oil resistant black PVC jacket

Part No.	Description No. of conductors incl. ground	OD - Ø ca. mm	OD - Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
<b>A2161604</b>	<b>AWG 16 (26/30)</b> 4	12.4	0.486	143	53
<b>A2161404</b>	<b>AWG 14 (41/30)</b> 4	14.1	0.555	192	75
<b>A2161204</b>	<b>AWG 12 (65/30)</b> 4	15.4	0.608	247	115
<b>A2161004</b>	<b>AWG 10 (105/30)</b> 4	17.5	0.690	327	172
<b>A2160804</b>	<b>AWG 8 (168/30)</b> 4	23.3	0.918	566	271
<b>A2160604</b>	<b>AWG 6 (266/30)</b> 4	25.4	0.999	734	411
<b>A2160404</b>	<b>AWG 4 (413/30)</b> 4	29.1	1.146	1,042	620
<b>A2160204</b>	<b>AWG 2 (665/30)</b> 4	33.5	1.320	1,479	978



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Available in 3 configurations:

- A216 DRIVEFLEX™ VFD cable
- A217 DRIVEFLEX™ Servo I composite cable
- A218 DRIVEFLEX™ Servo II composite cable

Specifications are subject to change without prior notice