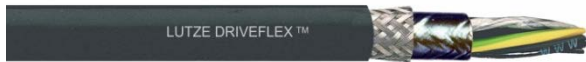


Lutze DRIVEFLEX[®] 3 Symmetrical Grounds, Shielded

NEW

Flexible Composite VFD, Servo & Motor Supply Cable with Three Symmetrical Grounds and UL 1kV Voltage Rating



Application

- Shielded VFD and Servo-Motor cable to connect power from drives to AC motors
- Three insulated symmetrical grounds design helps to reduce stray currents
- Cable design for harsh industrial environments and operating conditions with high noise levels
- 1 kV rated XLPE 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

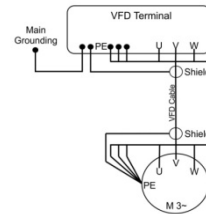
- Flexible XLPE conductors
- Three symmetrical grounds (PE)
- Non-wicking fillers
- Effective dual layer shield for best EMC results
- Specially formulated jacket for oil resistance and easy strip design
- Low capacitance cable
- Sunlight resistant
- Direct burial
- UL Type TC-Exposed Run
- Talc free and silicone free

Technical data

Voltage	1000V Flexible VFD Servo cable 90C (AWG6 to 4/0 only) 1000V WTTC (all sizes) 600V TC-ER 90C (all sizes)
Temperature	-40°C - +90°C static
Bending radius	7.5 x cable OD fixed
Conductor marking	Black with white numbers and three green/yellow ground
Approvals	UL Type Flexible VFD Servo Cable UL Types WTTC, TC-ER C(UL) TC CIC control cable FT4 CE Class 1, Div. 2 per NEC Art. 336, 392, 501 UL 1277, UL2277 Oil res II Wet/Dry RoHS, REACH compliant

Construction

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



WITH THREE SYMMETRICAL GROUNDS

Part No.	Description No. of conductors incl. ground	OD - Ø ca. mm	OD - Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
	AWG 6 (206 strands) AWG12 (50 strands)				
A2200603	3C + 3PE	22.4	0.881	638	425
	AWG 4 (322 strands) AWG12 (50 strands)				
A2200403	3C + 3PE	24.3	0.956	822	578
	AWG 2 (511 strands) AWG10 (80 strands)				
A2200203	3C + 3PE	27.6	1.085	1161	865
	AWG 1 (644 strands) AWG8 (128 strands)				
A2200103	3C + 3PE	31.8	1.250	1510	1110
	1/0 (812 strands) AWG8 (128 strands)				
A2201/003	3C + 3PE	33.2	1.305	1749	1336
	2/0 (1022 strands) AWG8 (128 strands)				
A2202/003	3C + 3PE	35.6	1.400	2066	1607
	3/0 (1288 strands) AWG6 (206 strands)				
A2203/003	3C + 3PE	38.4	1.510	2559	2044
	4/0 (1638 strands) AWG6 (206 strands)				
A2204/003	3C + 3PE	42.5	1.670	3043	2444
	250 MCM* (1904 strands) AWG6 (206 strands)				
A22025003	3C + 3PE	48.1	1.893	3669	2838
	350 MCM* (2680 strands) AWG4 (322 strands)				
A22035003	3C + 3PE	53.5	2.106	4953	3977
	500 MCM* (3800 strands) AWG4 (322 strands)				
A22050003	3C + 3PE	60.1	2.365	6536	5378

*1000V WTTC, 600V TC-ER

Specifications are subject to change without prior notice