



Flexible VFD & Motor Supply Cable



LUTZE Silflex M VFD XLPE (C) PVC, Shielded

Lutze Silflex® M VFD XLPE, shielded cable features a flexible, easy to strip PVC jacket. The cable is listed as UL Type Flexible VFD Servo for compliance with UL 508A, NFPA 79 and NEC requirements. Available in classic four conductor design (A106 series) and Servo design with shielded control pair (A107 series).

Characteristics

- Flexible XLPE conductor design
- Reduced cable OD's
- High insulation resistance
- Low capacitance cable
- Dual layer shield for EMC compliance
- Oil resistant jacket
- Sunlight resistant
- Direct burial
- Talc & silicone free

Applications

- Shielded motor supply cable to connect power to 3-phase motors, VFD's and Servo Drives
- Cable design for harsh industrial environments and operating conditions with high noise levels
- Thermoset XLPE type XHHW-2 insulation for superior overload & short-circuit temperature
- Compliant with **NFPA 79** (industrial machinery)
- **TC-ER** for use with cable trays **without conduit**, which can reduce installation costs in industrial environments per **NEC 336.10(7)**
- **WTTC** – wind turbine tray cable rating for use in wind power generation
- Dry, damp or wet locations

Technical Data

Voltage	600V UL TC-ER 1000V Flexible VFD Servo Cable 90C 1000V WTTC
Temperature	-40°C - +90°C
Bending radius	6 x cable OD
Conduit Marking	Black with white numbers and one green/yellow ground
Oil Resistance	Oil Res II
Approvals	UL Type "Flexible Motor Supply Cable (Flexible VFD Servo Cable)" UL Type TC-ER, WTTC UL DP-1 Class 1, Div 2 per NEC Art. 336, 392, 501 C(UL) TC, UL 1277 CIC FT4 Wet/Dry use RoHS, REACH

For more information on  Cable, call ECD at 847-516-2524

SYSTEMATIC TECHNOLOGY





Ordering Information

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Part No.	Description No. of conductors incl. ground	OD / ϕ CA. mm	OD / ϕ inches	Weight Lbs/Mft	Copper Lbs/Mft
A1061804	AWG 18 (19/30) AWG18/04C	10.5	0.415	108	42
A1061604	AWG 16 (26/30) AWG16/04C	10.8	0.425	124	54
A1061404	AWG 14 (41/30) AWG14/04C	11.6	0.456	154	76
A1061204	AWG 12 (65/30) AWG12/04C	13	0.51	208	118
A1061004	AWG 10 (105/30) AWG10/04C	16.5	0.65	320	183
A1060804	AWG 8 (168/30) AWG8/04C	20.6	0.81	478	279

Flexible VFD & Motor Supply Cable with Control Pair

Part No.	Description No. of conductors incl. ground	OD / ϕ CA. mm	OD / ϕ inches	Weight Lbs/Mft	Copper Lbs/Mft
A1071804	AWG 18 (19/30) AWG18/04C (19/30)+ 1 TSP AWG18 (19/30)	13.3	0.525	156	66
A1071604	AWG 16 (26/30) AWG16/04C (26/30)+ 1 TSP AWG18 (19/30)	13.9	0.548	179	79
A1071404	AWG 14 (41/30) AWG14/04C (41/30)+ 1 TSP AWG16 (26/30)	15.2	0.6	234	112
A1071204	AWG 12 (65/30) AWG12/04C (65/30)+ 1 TSP AWG16 (26/30)	16.5	0.65	285	154
A1071004	AWG 10 (105/30) AWG10/04C (105/30)+ 1 TSP AWG14 (41/30)	18.8	0.74	378	216
A1070804	AWG 8 (168/30) AWG8/04C (168/30)+ 1 TSP AWG14 (41/30)	24	0.945	605	314

