

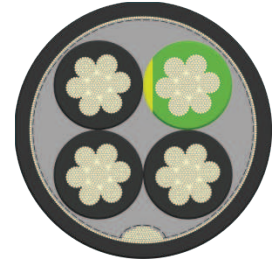
Lutze DRIVEFLEX® XLPE (C) PVC, Shielded

Flexible VFD & Motor Supply Cable with UL/TC-ER/WTTC/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 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
Oil resistance	Oil Res II
Approvals	UL Type "Flexible Motor Supply Cable (Flexible VFD Servo Cable)" UL Type TC-ER UL/AWM/CE UL DP-1 WTTC Class 1, Div. 2 per NEC Art. 336, 392, 501 C(UL) TC CIC FT4 UL 1277 Wet/Dry P-07-KA130021-MSHA RoHS REACH

Part No.	Description No. of conductors incl. ground	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
A2161604	AWG 16 (26/30) AWG16/04C	12.4	0.490	149	57
A2161404	AWG 14 (41/30) AWG14/04C	14.2	0.560	200	80
A2161204	AWG 12 (65/30) AWG12/04C	15.6	0.615	262	128
A2161004	AWG 10 (105/30) AWG10/04C	17.8	0.700	359	186
A2160804	AWG 8 (168/30) AWG8/04C	23.5	0.925	603	295
A2160604	AWG 6 (266/30) AWG6/04C	25.7	1.010	763	425
A2160404	AWG 4 (413/30) AWG4/04C	29.3	1.155	1,126	632
A2160204	AWG 2 (665/30) AWG2/04C	33.7	1.325	1,559	997

Construction

- AWG conductor
- 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
- Oil resistant PVC jacket
- Black jacket RAL 9005

Specifications are subject to change without prior notice