OMNICABLE

MOTOR SUPPLY CABLE

LÜTZE DRIVEFLEX® (C) Flexible Composite VFD, Servo, & Motor Supply Cable with one Control Pair
UL/TC-ER/WTTC/CE Approvals
Shielded

CONSTRUCTION	
Conductor	- Flexible fine wire stranded tinned copper conductors for improved electrical characteristics and reduced oxidation
Insulation	- Cross-Linked Polyethylene (XLPE) insulation, Wet/Dry, (4C RHW-2, 1 Pair XHHW-2)
Ground	- One green/yellow ground
Shield	- Foil tape, tinned copper braid with ?80% optical coverage, and drain wire
Jacket	- Black (RAL 9005), Oil resistant Polyvinyl Chloride (PVC) jacket

Applications:

- Shielded multi-conductor cable for VFD, Servo 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

Features:

- 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

- Sunlight resistant

- Direct burial

- Talc and Silicone free

Standards:

- Oil Res II

- UL Type ?Flexible Motor Supply Cable (Flexible VFD Servo Cable)?

- UL Type TC-ER

- UL/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

Additional Information:
Voltage:

- 600V UL TC-ER

- 1000V Flexible VFD Servo

- Cable 90C

- 1000V WTTC

- Temperature: -40°C – +90°C static

- Minimum Bend Radius: 6 x cable OD

- Conductor Marking: Black with white numbers and one green/yellow ground

Click here for additional information from LÜTZE

Part #	AWG	Conductors	Pairs	Nom. O.D.	Lbs./M'
LUA2171604	16	4	1	.620?	228
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LUA2171404	14	4	1	.660?	265
LUA2171204	12	4	1	.720?	335
LUA2171004	10	4	1	.810?	420
LUA2170804	8	4	1	1.025?	713
LUA2170604	6	4	1	1.095?	873
LUA2170404	4	4	1	1.22?	1142
LUA2170204	2	4	1	1.388?	1579