



Four Conductor Variable Frequency Drive Cable 600V UL Type TC-ER / 1000V UL Type Motor Supply

Part Number	Conductor Size	Conductor Stranding	Drain Wire(s) Size	Insulation Thickness		Jacket Thickness		Overall Diameter	
	AWG		AWG	inches	mm	inches	mm	inches	mm
16-04VFD	16	26	16	0.030	0.76	0.045	1.14	0.40	10.2
14-04VFD	14	41	14	0.030	0.76	0.045	1.14	0.43	11.0
12-04VFD	12	65	12	0.030	0.76	0.045	1.14	0.48	12.3
10-04VFD	10	105	10	0.030	0.76	0.060	1.52	0.57	14.6
8-04VFD	8	133	4#14	0.045	1.14	0.060	1.52	0.77	19.7
6-04VFD	6	133	4#12	0.045	1.14	0.080	2.03	0.92	23.4
4-04VFD	4	133	4#10	0.045	1.14	0.080	2.03	1.04	26.4
2-04VFD	2	133	4#10	0.045	1.14	0.080	2.03	1.24	31.4

All values are nominal and subject to correction

- Application:** Four Conductor Variable Frequency Drive Cables are primarily used with VFD's. The four conductor construction is more effective than the three conductor version to reduce the effects of EMI interference in the event of a component failure. The cable is 600V rated and for use from -40°C to 90°C.
- Conductors:** Stranded soft drawn tinned copper conductors.
- Drain(s):** Stranded soft drawn tinned copper ground(s).
- Insulation:** Cross-linked polyethylene XLPE insulation.
- Shielding:** Aluminum polyester & 85% tinned copper braid.
- Jacket:** Polyvinyl chloride (PVC) jacket that is sunlight, moisture, oil and abrasion resistant, and direct burial rated.
- Standards:** UL 1277, Type TC-ER, Type XHHW-2
 UL approved as 1000V flexible motor supply cable
 CSA FT-4 Vertical tray flame test
 CSA AWM I/II A/B singles
 C(UL) CIC-TC per CSA standard C22.2 No. 239 & 230
 Meets IEEE 1202/UL 1685 70,000 BTU flame test
 Meets ICEA T-29-520 210,000 BTU flame test
 Suitable for use in Class I Division II hazardous locations
 RoHS II & REACH compliant

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