

VFD Symmetrical 2KV Motor Supply Cable for Large HP VFD Drives; UL TC-ER Approval



V 2000 is a large AWG VFD 2KV cable designed with 3 symmetrical grounds and a helical copper tape shield. It is UL Type TC-ER approved.

Construction

- Conductors:** Bare stranded copper
- Insulation:** XLPE + 3 bare stranded copper grounds
- Shielding:** Helical copper tape shield (100% coverage)
- Jacket:** Black PVC jacket

Recommended Applications

VFD drive and motor connections for large HP applications; HVAC; large presses; any on/off applications using a VFD drive and motor.

Application Advantage

- 100% copper tape shield for EMI & RFI protection
- UL TC-ER approved
- 3 ground design for optimal electrical performance
- Sunlight, flame, and moisture resistant

Approvals



Cable Attributes, see page 659

OR-01 OIL	FR-03 FLAME	FL-01 MOTION	MP-02 MECHANICAL
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Similar Cables

- ÖLFLEX® SERVO 9YSLCY-JB

Complete the Installation

SKINTOP® Strain Relief: page 528	EPIC® Connectors: page 278
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Technical Data

- Minimum Bend Radius:** 15 x cable diameter
- Color Code:** Black with white numbers: 1, 2, 3, plus 3 bare symmetrical grounds
- Temperature Range:** -25°C to +90°C
- Approvals:** UL: TC-ER per UL 1277
Attributes: 90°C Wet or Dry
Sunlight Resistant
Direct Burial
NFPA 79 2012
- Nominal Voltage:**
 - UL TC: 600/2000V
 - UL RHH/RHW: 2000V
- Conductor Stranding:** Class B stranded wire

Part Number	3 Symmetrical Grounds	Nominal Outer Diameter (inches)	Nominal Outer Diameter (mm)	Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® MS-M BRUSH Metric Thread
1 AWG (36 mm²)						
812984	8 AWG	1.26	32.0	1024	1427	53112679
1/0 AWG (53.7 mm²)						
812985	6 AWG	1.35	34.3	1338	1836	53112679
2/0 AWG (67.5 mm²)						
812986	6 AWG	1.44	36.6	1603	2137	53112680
3/0 AWG (85.1 mm²)						
812987	5 AWG	1.55	39.4	2002	2609	53112680
4/0 AWG (107.2 mm²)						
812988	4 AWG	1.73	43.4	2503	3254	53112680
250 KCMIL (126.7 mm²)						
812989	2 AWG	1.90	48.3	3107	3988	53112681
350 KCMIL (177.6 mm²)						
812990	2 AWG	2.12	53.8	4062	5106	53112681
500 KCMIL (253.7 mm²)						
812991	1/0 AWG	2.40	61.0	5652	6886	53112501

Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available, please see our SKINTOP® section. Photographs are not to scale and are not true representations of the products in question. For current information go to our website. If not otherwise specified, all values relating to the product are nominal values.