

VFD (Variable Frequency Drive) Cable 2000V UL 1277 Type TC-ER

Cable Specifications:

- Sunlight- and Oil-resistant PVC Jacket
- 2000V UL 1277 Type TC-ER per 2005 NEC Article 336
- 1000V UL Flexible Motor Supply
- CSA AWM I/II A/B FT4
- RHW-2 and XHHW-2 Circuit Conductors
- 90°C Wet/Dry
- Class I & II; Division 2 hazardous locations
- UL 1685 Vertical Tray Flame Test
- IEEE 1202/383 Vertical Tray flame test
- UL Direct Burial
- RoHS compliant
- CE approved

14 to 2 AWG with Foil/Braid Shield

Belden's classic line of VFD cables, with foil/braid shield, is offered in 14 to 2 AWG, and continues to be the highest-performing solution in the market. The oversized XLPE insulation provides the lowest capacitance available in a VFD cable. Its highly effective dual shielding provides the lowest resistance to ground path, which improves common mode current containment. Included are a full-size, insulated green ground wire with a yellow stripe, as well as a drain wire for ease of installation and termination. The 85% braid coverage offers optimum EMI low frequency noise protection, while the 100% aluminum/Mylar tape offers RFI high frequency noise protection. Cables are round and smooth for proper sealing of glands and molding applications.

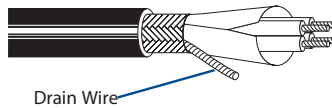
Large AWG (1 to 4/0) with Copper Tape Shield, Symmetrical Design

Belden's symmetrical design combines the benefits of our classic line of VFD cables, with additional features for use on larger more powerful AC motor drives. Its highly effective shielding provides a low resistance ground path, which improves common mode current containment. The spirally applied dual copper tapes provide improved flexibility and EMI/FRI noise protection. Three symmetrical bare ground wires provide a balanced ground system. This reduces the likelihood of premature motor bearing or motor insulation failure.

For More Information

For additional product information call: 1-800-BELDEN-1 (1-800-235-3361) or visit us at www.Belden.com. All information is subject to change without notice, since Belden reserves the right to change its products as progress in engineering and manufacturing methods or other circumstances may warrant.

Description	Part Number	AWG	Stranding	Shield
14 to 2 AWG (3) Stranded TC Circuit Conductors + (1) Ground • Overall Beldfoil® (100% Coverage) + TC Braid Shield (85% Coverage) • TC Drain Wire				
XLPE Insulation (Circuit Condrs) • PVC Insulation (Ground) • Black Sunlight- and Oil-resistant Jacket				
	29536	14	41x30	Beldfoil (100% Coverage) + TC Braid (85% Coverage)
	29537	12	65x30	
	29538	10	105x30	
	29539	8	7x19x29	
	29540	6	7x19x27	
	29541	4	7x19x25	
	29542	2	7x19x23	



1 to 4/0 AWG (3) Stranded TC Circuit Conductors + (3) Symmetrical Bare Copper Grounds • (2) Spiral Copper Tape Shields (100% Coverage)

XLPE Insulation (Circuit Condrs) • Black Sunlight- and Oil-resistant PVC Jacket

	29543	1	7x19x22	(2) Spiral Copper Tapes
	29544	1/0	7x19x21	
	29545	2/0	7x19x20	
	29546	3/0	7x19x19	
	29547	4/0	7x19x18	

