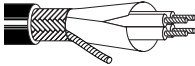


VFD (Variable Frequency Drive) Cable**1000V UL Flexible Motor Supply Cable**

Description	Part No.	AWG	Cond. Stranding	Standard Lengths		Standard Unit Wt.		Nominal OD		Maximum Pull Tension		Minimum Bend Radius		
				Ft.	m	Lbs.	kg	Inch	mm	Lbs.	N	Inch	mm	
4-cond. (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 PVC Jacket														
	1000V UL Flexible Motor Supply Cable 600V UL 1277 Type TC-ER per 2005 NEC Article 336 1000V CSA AWM I/II A/B FT4 90°C Wet/Dry	29500	16	26x30	250†	76.2	46.2	21.0	.53	13.46	128	568	3.9	99.06
					500†	152.4	93.0	42.2						
					1000†	304.8	182.0	82.6						
					6000†	1828.8	1080.0	490.3						
	All Allen-Bradley Series 160 and 1305 drives.	29501	14	41x30	250†	76.2	59.7	27.1	.55	13.97	212	942	4.5	114.30
					500†	152.4	120.0	54.5						
					1000†	304.8	233.0	105.8						
					5000†	1524.0	1215.0	551.6						
	Allen-Bradley 1336F(S)-BRF05 through BRF100	29502	12	65x30	250†	76.2	69.8	31.7	.60	15.24	336	1495	4.9	124.46
					500†	152.4	151.5	68.8						
					1000†	304.8	298.0	135.3						
					5000†	1524.0	1570.0	712.8						
	Allen-Bradley 1336F(S)-BRF150, BRF200	29503	10	105x30	250†	76.2	91.3	41.4	.66	16.76	525	2335	5.4	137.16
					500†	152.4	194.5	88.3						
					1000†	304.8	375.0	170.3						
					5000†	1524.0	2025.0	919.4						
	Allen-Bradley 1336F(S)-B015	29504	8	7x19x29	250†	76.2	158.5	72.0	.89	22.61	1328	5906	7.3	185.42
					500†	152.4	332.0	150.7						
					1000†	304.8	660.0	299.6						
					5000†	1524.0	3135.0	1423.3						
Allen-Bradley 1336F(S)-B020	29505	6	7x19x27	250†	76.2	221.3	100.5	.99	25.15	2048	9109	8.0	203.20	
				1000†	304.8	906.0	411.3							
				3500†	1066.8	3206.0	1455.5							
				5000†	1524.0	4509.0	2045.5							
Allen-Bradley 1336F(S)-B025, B030	29506	4	7x19x25	250†	76.2	319.5	145.1	1.15	29.21	3152	14021	9.2	233.68	
				1000†	304.8	1231.0	558.9							
				3000†	914.4	3843.0	1744.7							
				5000†	1524.0	4509.0	2045.5							
Allen-Bradley 1336F(S)-BX040, B040	29507	2	7x19x23	250†	76.2	437.8	198.7	1.29	32.77	4872	21672	10.5	266.70	
				500†	152.4	875.5	397.5							
				1000†	304.8	1711.0	776.8							
				2000†	609.6	3682.0	1671.6							
Color Code: ICEA Method 4 (Black and Numbered); Green/Yellow Ground	UL Direct Burial. XHHW-2, RHW-2 rated circuit conductors.	Allen-Bradley 1336F(S)-B050, BX060, B060	2000†	1000†	304.8	1711.0	776.8							
				2000†	609.6	3682.0	1671.6							
				2000†	609.6	3682.0	1671.6							

Color Code: ICEA Method 4
(Black and Numbered);
Green/Yellow Ground

UL Direct Burial.
XHHW-2, RHW-2 rated circuit conductors.

Three (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													
1000V UL Flexible Motor Supply Cable 600V UL 1277 Type TC-ER per 2005 NEC Article 336 600V CSA AWM I/II A/B FT4 90°C Wet/Dry	29528 (new)	1	7x19x22	250 ††	76.2	398.8	181.0	1.20	30.48	2650	11788	12.0	304.8
				1000 ††	304.8	1642.0	746.0						
				3000 †	1524.0	4779.0	2169.7						
				5000 †	1524.0	4779.0	2169.7						
	29529 (new)	1/0	7x19x21	250 ††	76.2	525.8	238.7	1.29	32.77	3537	15733	12.9	327.7
				1000 ††	304.8	2050.0	930.7						
				2000 †	609.6	3954.0	1795.1						
				5000 †	1524.0	4779.0	2169.7						
	29530 (new)	2/0	7x19x20	250 ††	76.2	602.0	273.3	1.40	35.56	4200	18682	14.0	355.6
				1000 ††	304.8	2362.0	1072.4						
				2000 †	609.6	4744.0	2153.8						
				5000 †	1524.0	4779.0	2169.7						
	29531 (new)	3/0	7x19x19	250 ††	76.2	699.5	317.6	1.52	38.61	5025	22352	15.2	386.1
				1000 ††	304.8	2708.0	1229.4						
				3000 †	1524.0	5436.0	2467.9						
				5000 †	1524.0	5436.0	2467.9						
	29532 (new)	4/0	7x19x18	250 ††	76.2	881.0	400.0	1.68	42.67	6670	29670	16.8	426.7
				500 ††	152.4	1873.0	850.3						
				1500 †	457.2	5619.0	2551.0						
				5000 †	1524.0	5436.0	2467.9						

Color Code: ICEA Method 4
(Black and Numbered)

UL Direct Burial.
XHHW-2 circuit conductors.

TC = Tinned Copper • TC-ER = Tray Cable - Exposed Run per 2005 NEC Article 336 • XLPE = Cross-linked Polyethylene

*Ground(s) and drain wire(s) are same AWG as circuit conductors.

†Final put-up length may vary ±10% from length shown.

††Final put-up length may vary ±5% from length shown.

Encoder Cables

Belden also offers the following standard cables for encoder applications. Encoder cables help feed information to the microprocessor regarding both the speed and the position of the rotor.

Part No.	Pairs	AWG
8790 (Power Supply)	1	18
9729	2	24
9730, 89730	3	24
9728	4	24
9892	4	20

See Index for page numbers.

CSA Control Cable

1000V Variable Frequency Drive Cable

Cable Specifications

- CSA C22.2 #38 Type TC
- CSA C22.2 #230 Type TC
- CSA FT4 70,000 BTU Flame Test
- 90°C Dry and Wet
- -40°C Cold Bend, -25°C Cold Impact
- -25°C Installation temp
- Per CEC Part 1, Suitable for Use in Hazardous Locations:
Class 1 — Zone 2
Class 2 — Division 2
- Sunlight Resistant/UV Resistant
- Direct Burial

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.

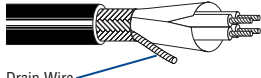
Large AWG (1 to 4/0) with Copper Tape Shield, Symmetrical Design

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/RFI noise protection. Three symmetrical bare ground wires provide a balanced ground system. This reduces the likelihood of premature motor bearing or motor insulation failure.

Description	Part Number	AWG	Stranding	Shield
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14 to 2 AWG (3) Stranded Bare Copper Circuit Conductors + (1) Full-sized PVC Insulated Ground • Overall Beldfoil® (100% Coverage) + TC Braid Shield (85% Coverage) • Full Size TC Drain Wire (ICEA Method 4 Color Code: Black and Numbered, Green/Yellow Ground)

XLPE Insulation • Black Sunlight- and Oil-resistant PVC Jacket

1000V CSA TC	29550	14	7	Beldfoil (100% Coverage) + TC Braid (85% Coverage)
FT4	29551	12	7	
RW90 Circuit Conductors	29552	10	7	
	29553	8	7	
	29554	6	7	
	29555	4	7	
	29556	2	7	

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

XLPE Insulation • Black Sunlight- and Oil-resistant PVC Jacket

1000V CSA TC	29557	1	19	(2) Spiral Copper Tapes
FT4	29558	1/0	19	
XHHW-2 Circuit Conductors	29559	2/0	19	
	29560	3/0	19	
	29561	4/0	19	

Products listed are subject to minimum order quantities.