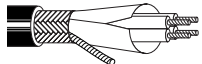


VFD (Variable Frequency Drive) Cable

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	3206.0	1455.5								
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	3843.0	1744.7								
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								
Allen-Bradley 1336F(S)-B050, BX060, B060														



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 <small>(NEW)</small>	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						
	29529 <small>(NEW)</small>	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						
	29530 <small>(NEW)</small>	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						
	29531 <small>(NEW)</small>	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							
29532 <small>(NEW)</small>	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							



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.

