

## 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

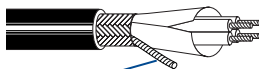
Belden's symmetrical design combines the benefits of our classic line of VFD cables, with additional features for use on larger, more powerful AC motor drives. Its highly effective shielding provides a low resistance ground path, which improves common mode current containment. The spirally applied dual 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	Part Number	AWG	Stranding	Shield
FT4	29550	14	7	Beldfoil (100% Coverage) + TC Braid (85% Coverage)
RW90 Circuit Conductors	29551	12	7	
	29552	10	7	
	29553	8	7	
	29554	6	7	
	29555	4	7	
	29556	2	7	



Drain Wire

**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	Part Number	AWG	Stranding	Shield
FT4	29557	1	19	(2) Spiral Copper Tapes
XHHW-2 Circuit Conductors	29558	1/0	19	
	29559	2/0	19	
	29560	3/0	19	
	29561	4/0	19	



Products listed are subject to minimum order quantities.