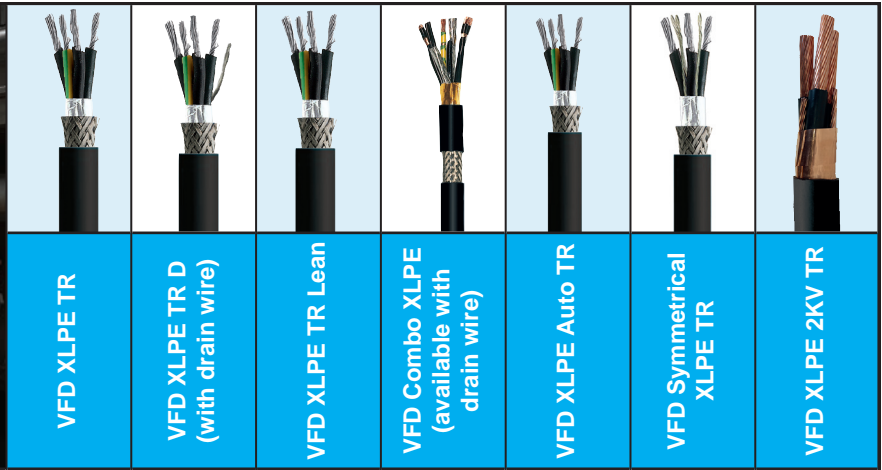


Easier Installations with SAB's Flexible VFD Cable

SAB North America offers a well-stocked line of UL and CSA-listed VFD cables for use in paper mills, cement plants, mining controls, automotive plants, and steel mills and HVAC applications as well. Anywhere VFD motors are used SAB has a cable to offer. We have one ground or symmetrical ground options, power only or power with 1 or 2 pairs. We also offer continuous flex options and 2KV for larger motors. Combine with our EMC grounding glands and protect your installation from EMI interference.



		VFD XLPE TR	VFD XLPE TR D (with drain wire)	VFD XLPE TR Lean	VFD Combo XLPE (available with drain wire)	VFD XLPE Auto TR	VFD Symmetrical XLPE TR	VFD XLPE 2KV TR
Construction	Numbered conductors	x	x	x	x	x	x	x
	Blackish gray conductors with green-yellow ground	x	x	x	x	x	x	x
	Pair: PVC/nylon				x			
	Insulation: Special formulated crosslinked PE, PVC gnd	x	x	x	x			
	Insulation: Special formulated crosslinked PE					x	x	x
	Drain Wire		x		x ¹			
	Stranding: in layers	x	x	x	x	x		
	Stranding: in layers with 3 ground wires						x	x
	Double Shield: Foil & Tinned copper braiding	x	x	x	x	x	x	
	Uncoated 5 mil copper tape shield with 50% overlap							x
Jacket	Special sunlight and oil resistant copolymer	x	x	x	x	x	x	
	Special sunlight resistant & flame retardant PVC							x
Temperature Range Static*	+ 105°C							
	+ 90°C							
	- 25°C							
	- 40°C							
Voltage	600 V	x	x	x	x	x	x	
	1000 V CSA AWM	x	x	x	x	x	x	
	1000 V (UL) WTTC	x	x	x	x	x	x	
	2000 V (UL)							x
	Testing voltage 3000 V	x	x	x	x	x	x	
	Testing voltage 7500 V							x
Characteristics	Burning characteristics: FT1, FT2, FT4	x	x	x	x	x	x	x
	Cold bend test -40°C	x	x	x	x	x	x	
	Oil resistance I & II	x	x	x	x	x	x	
	Sunlight resistance	x	x	x	x	x	x	x
	Exposed runs	x	x	x	x	x	x	x
	Direct burial	x	x	x	x	x	x	x
	Machinery area	x	x	x	x	x	x	x
	Long Installations (over 100 ft)	x	x		x	x	x	x

*The temperature range for flexing is mentioned on the product catalog page in the full line catalog.

¹ Drain wire with 16 AWG pair configuration only. Available with the other sizes upon special request.

For more information, see the VFD Cables for Motors and Drives Application Brochure



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