

### CSA VFD: 600V to 2000V



ShawFlex VFD cables are the preferred power cables for AC Drives. These cables are primarily used between Pulse Width Modulation (PWM) inverters and AC motors.

ShawFlex VFD Tray cables are suitable for use in raceways, including ventilated, non-ventilated, indoor/outdoor and ladder-type cable trays in wet/dry locations and are applicable in industrial and processing facilities.

#### Features

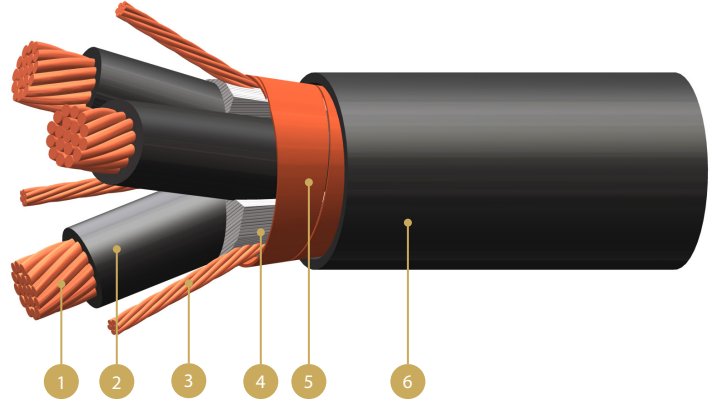
- Flame retardant
- Lightweight
- Flexible
- Sunlight resistant
- Reduced diameter
- Tight bend radius

#### Constructions

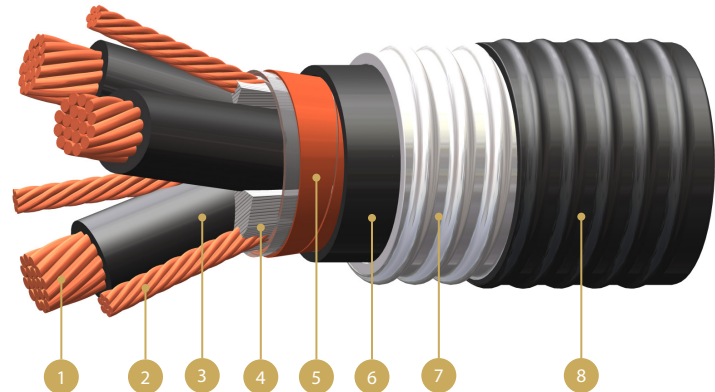
- Voltage - 600V/1000V/2000V
- 14AWG to 1000 kcmil

#### Approvals

- CSA C22.2 NO. 230, Tray Cables (TC)
- CSA C22.2 NO. 239, Control and Instrumentation Cables (CIC & ACIC)
- CSA C22.2 NO. 38, Thermoset Insulated Wires & Cables (XLPE)
- CSA C22.2 NO. 131, Teck 90 Cables (Teck 90)
- CSA C22.2 NO. 174, Cables and Cable Glands for Use in Hazardous Locations (armoured)
- CSA FT4, UL 1685 Vertical Tray Flame Test rated
- CSA FT4 - ST1, Vertical Tray Flame & Smoke Test (LSZH only)
- IEEE 383 & 1202 (70,000 BTU/hr), Vertical Flame Test rated
- -40°C cold bend/impact rated
- Direct burial rated
- UV sunlight resistant "SUN RES" (all colour jackets)
- HL rated for use in hazardous locations:
  - Class I Zone I (Div 1) (Armoured cables only)
  - Class I Zone 2 (Div 2)
  - Class II Zone 20, 21 (Div 1) (Armoured cables only)
  - Class II Zone 22 (Div 2)



1. Three Phase Conductors: Stranded Concentric Class B Bare (Tinned Available)
2. XLPE (RW90 rated) Insulated Conductors
3. Three Ground Wires: Trisection Bare Ground Wires (Tinned Available)
4. Polypropylene Fillers
5. Helically Applied Copper Tape (3mil or 5mil Thickness Available)
6. FR PVC Protective Jacket



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3. XLPE (RW90 rated) Insulated Conductors
4. Polypropylene Fillers
5. Helically Applied Copper Tape (3mil or 5mil Thickness Available)
6. FR LAG PVC Inner Protective Jacket
7. Aluminum Interlocked Armour (AIA) (standard)
8. FR LAG PVC Outer Protective Jacket

#### Head Office

ShawFlex  
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Toronto, Ontario  
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Tel: +1 416 743 7111

[shawflex.com](http://shawflex.com)



## POWER CABLES

	Tray	Armoured
<b>Voltage Ratings</b>		
600V/1000V	●	●
2000V	●	
<b>Armouring Options</b>		
Aluminum Interlocked Armour (AIA)		●
Steel Interlocked Armour (SIA)		●
<b>Jacketing Options</b>		
PVC	●	
PVC LAG		●
LSZH	●	●
<b>Insulation Options</b>		
FR-XLPE	●	
XLPE		●
<b>Shielding Options</b>		
Helical Copper Tape (standard)	●	●
Tinned Copper Braid	●	●

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