

SHAWFLEX

UL CABLES

UL Cables

Gauge sizes: 22 AWG to 2000 MCM (Metric sizes are also available)

- UL certified for use in hazardous locations
- Sunlight resistant
- Flame test rated IEEE 1202, UL 1685
- Suitable for direct burial

Instrumentation/Thermocouple (PLTC/ITC) 300V

Insulations	PVC 105°C dry/60°C wet (TW75 rated) FR XLPE 105°C dry/60°C wet (RW90 rated)
Jackets	FR PVC LAG 90°C to -25°C FR PVC 90°C to -40°C CPE 90°C to -25°C XL CPE 90°C to -25°C Low smoke zero halogen (LSZH) 75°C to -25°C
Armors	Steel interlocked armor Aluminum interlocked armor Galvanized steel served wire armor Zetabon [®] armor with CPE jacket
Approvals	UL 13 UL 2250 Hazardous locations: Class I Zone 2 (Div 2) Class II Zone 22 (Div 2) Exposed runs "ER"

Tray Cable (TC) 600V & 2000V

Insulations	RFH-2 FR XLPE or EPR 90°C dry/90°C wet XHHW-2 FR XLPE or EPR 90°C dry/90°C wet RHW-2 FR XLPE or EPR 90°C dry/90°C wet THHN/THWN PVC Nylon 90°C dry/75°C wet
Jackets	FR PVC LAG 90°C to -25°C FR PVC 90°C to -40°C CPE 90°C to -25°C XL CPE 90°C to -25°C Low smoke zero halogen (LSZH) 75°C to -25°C "LS"
Approvals	UL 1277 Flame tests to IEEE 1202/FT4, ICEA T-29-520, UL 1685 Hazardous locations: Class I Zone 2 (Div 2), Class II Zone 22 (Div 2) Exposed runs "ER" "LS" marking

Note: Bonding conductors are optional

Metal Clad Cable (MC) 600V & 2000V

Insulations	XHHW-2 FR XLPE or EPR 90°C dry/90°C wet RHW-2 FR XLPE or EPR 90°C dry/90°C wet THHN/THWN PVC Nylon 90°C dry/75°C wet
Jackets	FR PVC LAG 90°C to -25°C FR PVC 90°C to -40°C CPE 90°C to -25°C XL CPE 90°C to -25°C Low smoke zero halogen (LSZH) 75°C to -25°C
Armors	Steel interlocked armor Aluminum interlocked armor
Approvals	UL 1569 Flame tests to IEEE 1202/FT4, UL 1685 Hazardous locations: Class I Zone 2 (Div 2) Class II Zone 22 (Div 2)

VFD (Variable Frequency Drive) Cable (TC) 600V & 2000V

Insulations	XHHW-2 FR XLPE or EPR 90°C dry/90°C wet RHW-2 FR XLPE or EPR 90°C dry/90°C wet
Jackets	FR PVC LAG 90°C to -25°C FR PVC 90°C to -40°C CPE 90°C to -25°C XL CPE 90°C to -25°C Low smoke zero halogen (LSZH) 75°C to -25°C "LS"
Approvals	UL 1277 Flame tests to IEEE 1202/FT4, UL 1685 Hazardous locations: Class I Zone 2 (Div 2) Class II Zone 22 (Div 2) Exposed runs "ER" "LS" marking

Note: VFD Cables are also available with interlocked armor. Trisectonal grounds and helically applied copper tape shield

Available Shielding Options

- Aluminum or copper mylar
- Longitudinally applied corrugated (bare or tinned) copper tape
- Helically applied (bare or tinned) copper tape
- Braid shield (tinned copper)
- Longitudinally applied corrugated copper Zetabon[®]
- Longitudinally applied aluminum Zetabon[®]

Other Available Cable Types

- Shipboard
 - IEEE: Type P, T & X
 - IEC: XLPE, PVC, LSZH
- Foundation Fieldbus
- Utility (ICEA/NEMA)
- Mine shaft (Verlok[®])
- Traffic signal
- Transit cable

Head Office

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A SHAWCOR COMPANY

SHAWFLEX

CSA CABLES

CSA Cables

Gauge sizes: 22 AWG to 2000 MCM (Metric sizes are also available)

- CSA certified for use in hazardous locations
- Sunlight resistant
- Flame test rated FT4 or FT4-ST1
- Extreme cold weather use at -40°C
- Suitable for direct burial

Armoured Instrumentation & Thermocouple (ACIC) 300V, 600V & 1000V

Insulations	PVC 105°C dry/75°C wet (TW75 rated) XLPE 105°C dry/90°C wet (RW90 rated)
Jackets	FR PVC LAG 90°C to -40°C Low smoke zero halogen (LSZH) 90°C to -40°C
Armours	Steel interlocked armour Aluminum interlocked armour Galvanized steel served wire armour
Approvals	CSA C22.2 No. 174 CSA C22.2 No. 239 Hazardous locations: Class I Zone 0, 1 & 2 Class II Zone 20, 21, 22 (Div 1 & 2)

Unarmoured Instrumentation & Thermocouple (CIC) 300V, 600V & 1000V

Insulations	PVC 105°C dry/75°C wet (TW75 rated) FR XLPE 105°C dry/90°C wet (RW90 rated)
Jackets	FR PVC 90°C to -40°C Low smoke zero halogen (LSZH) 90°C to -25°C
Approvals	CSA C22.2 No. 239

Instrumentation & Thermocouple Tray (TC) 300V, 600V & 1000V

Insulations	PVC 75°C dry/75°C wet (TW75 rated) FR XLPE 105°C dry/90°C wet (RW90 rated)
Jackets	FR PVC 90°C to -40°C Low smoke zero halogen (LSZH) 90°C to -25°C
Approvals	CSA C22.2 No. 230 CSA C22.2 No. 239 Hazardous locations: Class I Zone 2 Class II Zone 22 (Div 2)

Power and Control Tray Cable (TC) 300V, 600V, 1000V & 2000V

Insulations	PVC 75°C dry/75°C wet (TW75 rated) FR XLPE 105°C dry/90°C wet (RW90 rated)
Jackets	FR PVC 90°C to -40°C Low smoke zero halogen (LSZH) 90°C to -25°C
Approvals	CSA C22.2 No. 38 CSA C22.2 No. 230 CSA C22.2 No. 239 Hazardous locations: Class I Zone 2 (Div 2) Class II Zone 22 (Div 2)

Note: Multi-conductor cables are provided with a bonding conductor

Teck 90 and ARMCON® (16 AWG) Cable (ACIC) 600V, 1000V & 5kV

Insulations	XLPE 105°C dry/90°C wet (RW90 rated)
Jackets	FR PVC LAG 90°C to -40°C Low smoke zero halogen (LSZH) 90°C to -40°C
Armours	Steel interlocked armour Aluminum interlocked armour
Approvals	CSA C22.2 No. 131 CSA C22.2 No. 174 CSA C22.2 No. 239 Hazardous locations: Class I Zone 0, 1 & 2 Class II Zone 20, 21, 22 (Div 1 & 2)

Available Shielding Options

- Aluminum or copper mylar
- Longitudinally applied corrugated (bare or tinned) copper tape
- Helically applied (bare or tinned) copper tape
- Braid shield (tinned copper)

Other Available Cable Types

- Shipboard
 - IEEE: Type P,T & X
 - IEC: XLPE, PVC, LSZH
- Foundation Fieldbus
- VFD (Variable Frequency Drive)
- Mine shaft (Verlok')
- RW 90 & RWU 90
- Cathodic protection
- Traffic signal
- Transit cable
- RPV & RPVU photovoltaic
- Safe-T-Ground

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