

UL TRAY

FR EPR CABLES

FR EPR

Control, Power, Instrumentation & Tray Cables



For use where flame retardance, oil and moisture/chemical resistance are critical. FR EPR cables can be installed in cable tray, free air, in raceways or in direct burial applications. Approved for indoor/outdoor, wet or dry locations as well as industrial Class I Zone 2 (Division 2) and Class II Zone 22 (Div 2) hazardous locations.

Applications

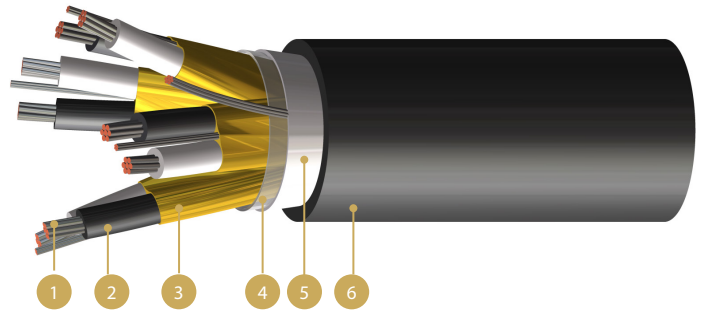
- Power
- Control
- Instrumentation
- Tray

Features

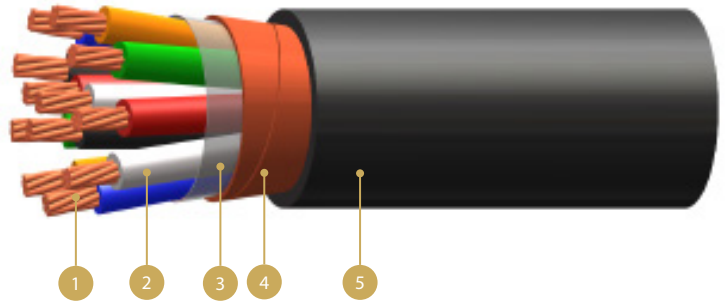
- Flexible insulated conductors
- Excellent electrical, thermal & physical properties
- Resistant to flame, oil, crush, compression, cuts & heat deformation

Approvals

- UL 1277, Listed Tray Cables (TC)
- UL 44 (XHHW-2, RHW-2) / UL 66 (RFH-2), Thermoset Insulated Wires
- ICEA S-73-532 (Nema WC-53), Control & Instrumentation Cables
- ICEA S-95-658 (Nema WC-70), Power Cables
- CSA FT4/IEEE 1202, UL 1685, Vertical Tray Flame Test rated
- ICEA T29-520 (210,000 BTU) Vertical Flame Test rated
- 90°C wet/dry
- -40°C cold bend rated
- UV sunlight resistant "SUN RES" (all colors)
- Direct burial rated
- "ER" rated for exposed runs



1. Bare Copper Stranded Conductors (Tinned Available)
2. Ethylene Propylene Rubber (EPR) Insulated Conductors
3. Individual Aluminum/Mylar Shielded Pairs with Tinned Copper Drain Wire
4. Polyester Separator Tape
5. Overall Aluminum/Mylar Shield with Tinned Copper Drain Wire
6. Thermoplastic/Thermoset Chlorinated Polyethylene (CPE) Jacket



1. Bare Copper Stranded Conductors (Tinned or Aluminum Available)
2. Cross-Linked Ethylene Propylene Rubber (EPR) Insulated Conductors
3. Polyester Separator Tape
4. Helically Applied Bare/Tinned Copper Tape Shield
5. Thermoset/Thermoplastic CPE Jacket

Head Office

ShawFlex
A division of ShawCor Ltd.
25 Bethridge Rd.
Toronto, Ontario
Canada M9W 1M7, Canada
Tel: +1 416 743 7111

shawflex.com



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	Power & Control	Instrumentation
Characteristics		
Flame Retardant (FT4/IEEE 1202, UL 1685), ICEA T-29-520	●	●
Sunlight Resistant	●	●
Wet Rated	●	●
-40°C Cold Bend	●	●
Direct Burial	●	●
"ER" Exposed Runs	●	●
Voltage Ratings		
300 V, 600 V, 1 kV, 2 kV	●	●
Gauge Sizes		
Copper Pairs & Triads		22 AWG - 14 AWG
Copper Multi-Conductor	18 AWG - 1000 MCM/kcmil	
Copper Single Conductor	14 AWG - 2000 MCM/kcmil	
Jacketing Options		
CPE Thermoplastic	●	●
CPE Thermoset	●	●
Insulation Options		
FR EPR	●	●
Shielding Options		
Copper Tape (Bare or Tinned) (Helical or Longitudinal Corrugated)	●	●
ISOS Aluminum Mylar		●
OS Aluminum Mylar	●	●
Tinned Copper Braid	●	●
Zetabon™ (Aluminum or Corrugated Copper)	●	●

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