

LSZH

LOW SMOKE ZERO HALOGEN CABLES

ShawFlex LSZH Cables



ShawFlex offers cables with Low Smoke Zero Halogen (LSZH) capabilities for use in generation stations, transit applications, or anywhere that there is a concern of damage caused by smoke to instruments in your installation. We offer unarmoured, armoured and tray cable versions of this cable to suit your needs.

Approvals

- CSA C22.2 NO. 230, Tray Cables
(Tray Power & Control/Instrumentation cables only)
- CSA C22.2 NO. 239, Control & Instrumentation Cables
- CSA C22.2 NO. 38, Thermoset Insulated Wires & Cables (XLPE)
- CSA FT4-ST1 Halogen Free, UL1685, Vertical Tray Flame Test Rated
- IEEE 383 & 1202 (70,000 BTU/hr), Vertical Flame Test rated
- ICEA T-30-520 (70,000 BTU/hr), Vertical Flame Test rated
- XLPE (RW90) rated, 90°C wet/dry
- Direct Burial rated
- UV sunlight resistant "SUN RES" (all colours)
- - 40°C cold bend rated
- - 40°C cold impact rated (ACIC cables)
- - 25°C cold impact rated (TC cables)
- Rated for use in hazardous locations:
 - Class 1 Zone 0 (Intrinsically Safe cables only)
 - Class 1 Zone 2 (Div 2)
 - TC-BCD gas groups rated (Tray Instrumentation cables only)
 - Class II Zone 22 (Div 2)

Product Sizing

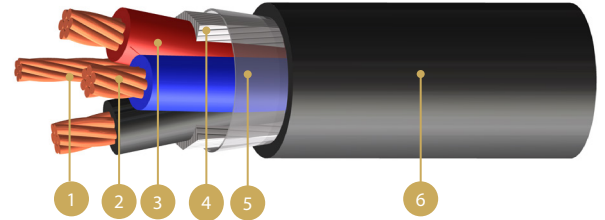
- Instrumentation: 300V to 1000V
 - 20, 18, & 16 AWG / 1 to 50 pairs/1 to 36 triads (standard)
 - 14, 12, & 10 AWG (available)
- Control: 300V to 1000V
 - 14, 12, & 10 AWG / 1 to 50 conductors (standard)
 - 20, 18, & 16 AWG (available)
- Power: 600V to 1000V
 - 8 AWG to 2000 MCM / 1 to 4 conductors (standard)
 - 14-10 AWG (available)

Head Office

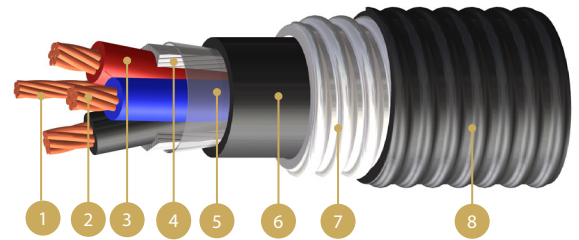
ShawFlex
A division of ShawCor Ltd.
25 Bethridge Rd.
Toronto, Ontario
Canada M9W 1M7, Canada
Tel: +1 416 743 7111

shawflex.com

Please note: Although the content used for this brochure has been produced and processed from sources believed to be reliable, no warranty, expressed or implied, is made regarding accuracy, adequacy, completeness, legality, reliability or usefulness of any information V.4

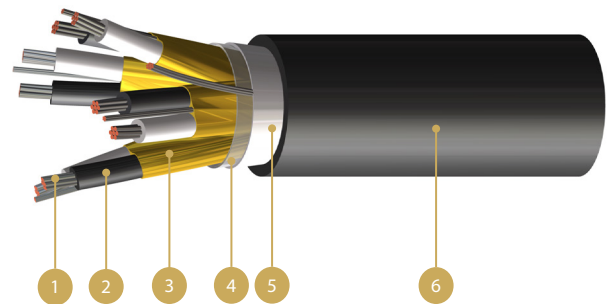


Tray Power & Control



ACIC Power & Control

1. Grounding/Bonding Conductor
2. Stranded Bare (ASTM B8) Annealed Copper Conductors
3. Halogen Free XLPE (RW90 rated) Insulated Conductors
4. Polypropylene Fillers
5. Polyester Separator Tape
6. LSZH Protective Jacket
7. Aluminum Interlocked Armour (AIA) (standard)
8. LSZH Outer Protective Jacket



Tray Instrumentation

1. Bare Copper Stranded Conductors (Tinned Available)
2. Halogen Free XLPE (RW90 rated) 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. LSZH Outer Protective Jacket



A SHAWCOR COMPANY