

UTILITY

INSTRUMENTATION, CONTROL & POWER



Instrumentation, Control & Power Utility Cables

ShawFlex's Utility Cables are the ideal choice for applications requiring an extra level of durability and noise protection in utility applications.

Applications

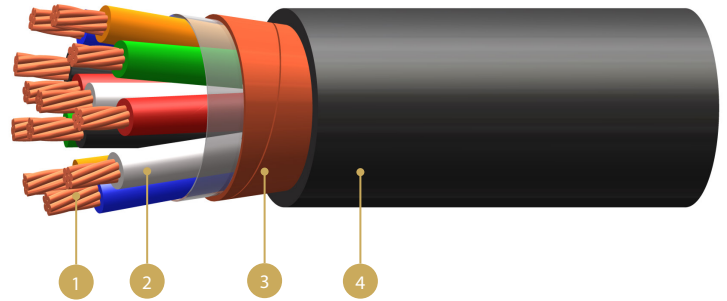
- Electrical substations
- Harsh environments
- Direct burial

Features

- Excellent low temperature cold bend characteristics
- Chemical/Oil resistant
- Flame retardant

Approvals

- CSA C22.2 NO. 230, Tray Cable (TC)
- CSA C22.2 NO. 239, Control & Instrumentation cables, (CIC, ACIC)
- CSA C22.2 NO. 38, Thermoset Insulated Wires & Cables (XLPE)
- CSA FT4, UL 1685 FT4, 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
- UV sunlight resistant "SUN RES" (all colours)
- Direct burial rated
- -40°C cold bend/impact rated
- Rated for use in hazardous locations:
 - Class I Zone 0 (Intrinsically Safe cables only)
 - Class 1 Zone 2 (Div 2)
 - Class II Zone 22 (Div 2)



1. Class B Bare Stranded Concentric Copper (Tinned Available)
2. XLPE (RW90 rated) Insulated Conductors
3. Helically Applied Bare/Tinned Copper Tape Shield
4. FR PVC Outer Protective Jacket

Product Constructions

- Insulation:
 - Cross-Linked Polyethylene (XLPE) RW90 rated (standard) rated: 90°C wet/105°C dry
- Shielding:
 - Copper tape shield (standard), available in various configurations
- Jacket:
 - FR PVC black outer jacket rated: 90°C to -40°C
- Armour:
 - Aluminum Interlocked Armour (AIA) (optional)
 - Steel Interlocked Armour (SIA) (optional)
 - Serve Wired Armour (SWA) (optional)
- Available in:
 - Custom insulation/jacket colours
 - LSZH Jacket
 - 1-50 Conductor, pairs & triads & composite constructions

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