

CSA TRAY

INSTRUMENTATION, CONTROL & POWER



CSA Instrumentation, Control & Power Tray Cables

Tray Instrumentation, Control & Power cables are suitable for use in ventilated, non-ventilated and ladder type cable trays, direct earth burial or raceways, and for exposed or concealed wiring in wet, damp or dry locations in -40°C (40°F) environments. Applicable for use in Utilities, Industrial and Commercial applications.

Approvals

- CSA C22.2 NO. 230, Tray Cables
- CSA C22.2 NO. 239, Control & Instrumentation Cables (Type CIC)
- CSA C22.2 NO. 38, Thermoset Insulated Wires & Cables (XLPE)
- CSA FT4, UL 1685, 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/ 105°C dry
- Direct Burial rated
- UV sunlight resistant "SUN RES" (all colours)
- -40°C cold bend/impact rated
- Rated for use in hazardous locations:
 - Class I Zone 0 (Intrinsically Safe cables only)
 - Class I Zone 2 (Div 2)
 - TC-BCD (Instrumentation cable only)
 - Class II Zone 22 (Div 2)

Product Constructions

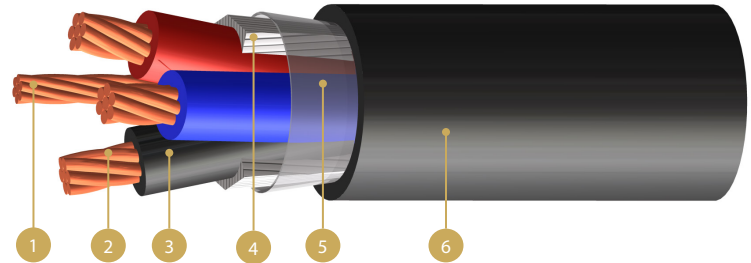
- Voltage:
 - 300V/600V/1000V/2000V
- Insulation:
 - Cross-Linked Polyethylene (XLPE) RW90 (standard) rated: 90°C wet/105°C dry
 - PVC (optional)
- Shielding:
 - ISOS (standard for Instrumentation cable only)
 - OS (optional)
- Jacket:
 - FR PVC black outer jacket rated: 90°C to -40°C
- Available in:
 - Composite constructions
 - Custom insulation/jacket colours
 - Aluminum conductor (6 AWG and larger)
 - LSZH jacket
 - Thermocouple Extension
 - Safe-T Ground FT4
 - Fieldbus - Profibus PA

Head Office

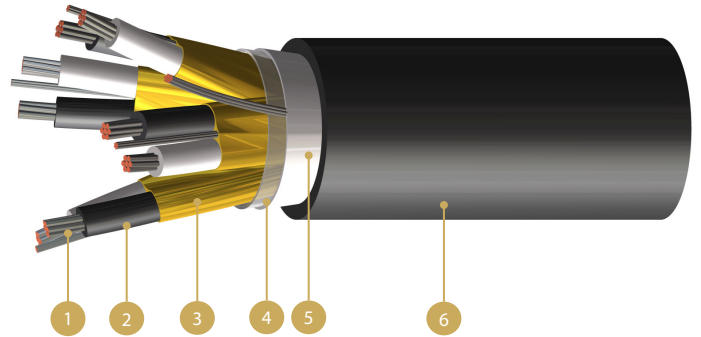
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1. Grounding/Bonding Conductor
2. Stranded Bare (ASTM B8) Annealed Copper Conductors
3. XLPE (RW90 rated) Insulated Conductors
4. Polypropylene Fillers
5. Polyester Separator Tape
6. FR PVC Outer Protective Jacket



1. Bare Copper Stranded Conductors (Tinned Available)
2. FR 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. FR PVC Outer Protective Jacket

Product Sizing

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



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