

APPLICATIONS

Overall shielded armoured instrumentation cable used to convey analogue or digital signals. Interlocked armour replaces the use of conduit for mechanical protection.

Cable can be directly buried, installed in raceways, including cable tray in wet or dry environments. Cable is suitable for use outdoors in exposed industrial applications.

Ratings

CSA C22.2 NO. 239 Control and instrumentation cables (Type ACIC)

CSA C22.2 NO. 174 Cable and cable glands for use in hazardous locations

CSA C22.2 NO. 75 Thermoplastic insulated wires (PVC)

CSA C22.2 NO. 38 Thermoset insulated wires and cables (XLPE)

PVC (TW75) Rated -75°C wet/105°C dry

XLPE (RW90) Rated -90°C wet/ 105° dry

HL Rated for use in hazardous locations:

Class I Zone 0, 1, & 2

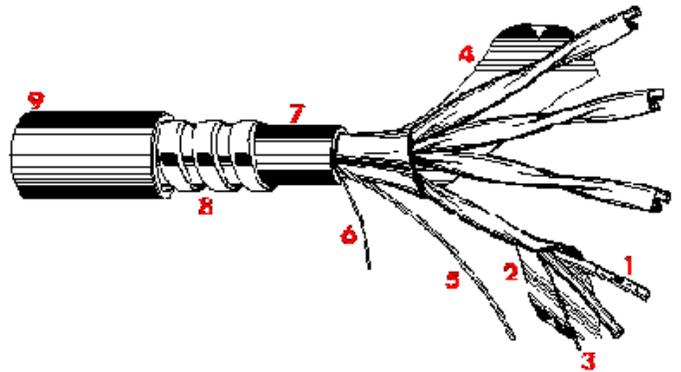
Class II Zone 1 & 2

Notes

PVC is most commonly specified for use. XLPE is used for applications where improved electrical properties, mechanical properties, and wet resistance are important.

1. 7 Strand copper wire (bare or tinned) insulated white XLPE, 105°C (221°F) dry, 75°C (167°F) wet
Conductor Colour Code: Pairs - Black and White; Triads - Black, White & Red
Multi-pair and multi-triad cables have black numbers coding printed on the white conductor
2. Aluminum/polyester tape shield over individual pairs or triads
3. 7 stranded tinned copper drain wire with each pair or triad
4. Overall aluminum/polyester tape shield
5. 7 stranded tinned copper
6. Ripcord for jacket removal
7. Black 90°C, -40°C (194°F, -40°F) Fire Retardant (FR) PVC Low Acid Gas (LAG) jacket
8. Aluminum or galvanized steel interlocked armour
9. Grey 90°C, -40°C (194°F, -40°F) Fire Retardant (FR) PVC Low Acid Gas (LAG) jacket, sunlight resistant (other colours available upon request)

This cable is also available with intrinsically safe blue outer jacket, suitable for installation in Class 1, Zone 0 Hazardous Locations.



Note: The minimum bend radius is equal to 12 times the nominal OD