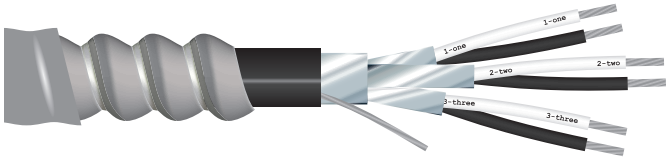
# 18 AWG 600V Instrumentation Cable




***Conductor*** 18 AWG stranded tinned soft copper, ASTM B8, B33

***Armour*** Aluminum or galvanized steel interlocked armour

***Insulation*** Cross-linked Polyethylene (XLPE) CSA Type XL

***Temperature*** -40°C to +90°C

***Voltage*** 600V

***Jacket*** Low acid gas polyvinyl chloride inner and outer jackets (PVC)

***Applications*** Used to convey analogue or digital signals. For wet and dry locations. To be used for exposed and concealed wiring or where subjected to weather. For use in ventilated, non-ventilated and ladder-type cable trays or directly buried.

***Approvals*** Industry compliances: CSA Standard C22.2 No. 239, No. 174 and No. 2256
RoHS Flame test compliances: CSA FT4
Hazardous locations as per CE Code Part I 2021 Section 18, when installed with approved connectors
Sunlight resistant, SUN RES and Low Acid Gas, AG14)
Acid Gas: CSA AG14 as per Teck90 Cable CSA Standard No. 131

***Colour Coding*** Black, white, red, blue and green
Black and white with printed number

| Product Code | AWG Size | # of Pairs or Triads | Shielding* | OD | | Weight Aluminum | | Weight Steel | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | In | mm | lb/mft | kg/km | lb/mft | kg/km |
| **33I1801X** | 18 | 1 Pair | OS | 0.61 | 15.5 | 154 | 229 | 257 | 382 |
| **33I1802X** | 18 | 2 Pair | SPOS | 0.82 | 20.83 | 238 | 354 | 387 | 575 |
| **33I1804X** | 18 | 4 Pair | SPOS | 0.96 | 24.5 | 355 | 499 | 504 | 750 |
| **33I1836X** | 18 | 36 Pair | SPOS | 1.85 | 47.1 | 1721 | 2561 | 2300 | 3423 |
| **33I1850X** | 18 | 50 Pair | SPOS | 2.29 | 58.1 | 2472 | 3679 | 3361 | 5001 |
| **33L1808X** | 18 | 8 Triad | STOS | 1.29 | 32.8 | 673 | 1002 | 988 | 1470 |

*OS = Overall Shield, SPOS = Shielded Pair, Overall Shield, STOS = Shielded Triad, Overall Shield