

**UL TYPE PLTC  
CSA CMG FT4  
RoHS COMPLIANT  
300 VOLT**

# INSTRUMENTATION CABLE

## OVERALL SHIELDED MULTIPAIR/MULTITRIAD

### CHARACTERISTICS

**OPERATING TEMPERATURE:**

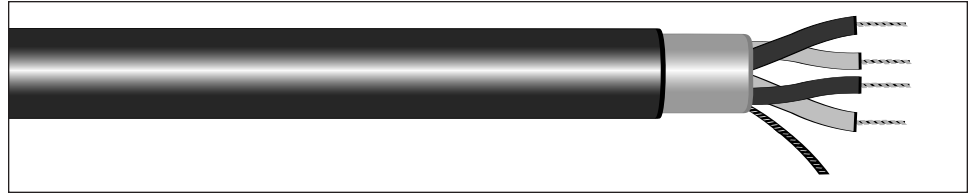
- -20°C to 105°C

**VOLTAGE RATING:**

- 300 Volt

**PRODUCT DESCRIPTION:**

- Stranded Bare Copper Conductors
- PVC Insulation:
  - Paired Construction Color Coded — One Black, One White
  - Triad Construction Color Coded — One Black, One White, One Red
  - White Conductor Printed with Pair/Triad Number at One Inch Intervals for Easy Identification
- When Shielded:
  - Aluminum/Polyester and Tinned Copper Drain Wire
- PVC Jacket — Black, UV Resistant



### OVERALL SHIELDED PAIRS

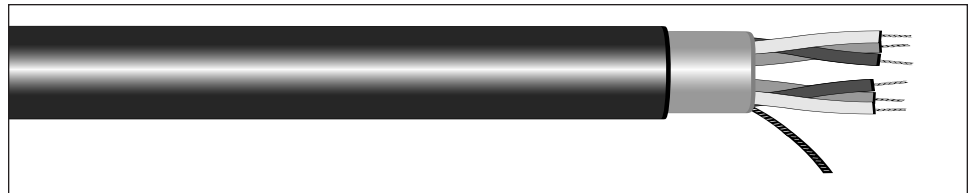
| Alpha Part No. | No. of Pairs | AWG | No. of Strands | Nom. Insulation Thickness |      | Nom. Jacket Thickness |      | Nom. O.D. |      |
|----------------|--------------|-----|----------------|---------------------------|------|-----------------------|------|-----------|------|
|                |              |     |                | Inches                    | mm   | Inches                | mm   | Inches    | mm   |
| ▲ 5610B2201    | 1            | 22  | 7              | 0.013                     | 0,33 | 0.035                 | 0,89 | 0.19      | 4,9  |
| ▲ 5610B2001    | 1            | 20  | 7              | 0.013                     | 0,33 | 0.035                 | 0,89 | 0.21      | 5,3  |
| ▲ 5610B2002    | 2            | 20  | 7              | 0.013                     | 0,33 | 0.040                 | 1,02 | 0.31      | 7,1  |
| ▲ 5610B2004    | 4            | 20  | 7              | 0.013                     | 0,33 | 0.050                 | 1,27 | 0.38      | 9,6  |
| ▲ 5610B2008    | 8            | 20  | 7              | 0.013                     | 0,33 | 0.050                 | 1,27 | 0.47      | 11,9 |
| 5610B2010      | 10           | 20  | 7              | 0.013                     | 0,33 | 0.050                 | 1,27 | 0.53      | 13,0 |
| ▲ 5610B2012    | 12           | 20  | 7              | 0.013                     | 0,33 | 0.050                 | 1,27 | 0.55      | 14,1 |
| ▲ 5610B2016    | 16           | 20  | 7              | 0.013                     | 0,33 | 0.060                 | 1,52 | 0.63      | 16,0 |
| 5610B2020      | 20           | 20  | 7              | 0.013                     | 0,33 | 0.060                 | 1,52 | 0.66      | 17,3 |
| 5610B2024      | 24           | 20  | 7              | 0.013                     | 0,33 | 0.060                 | 1,52 | 0.74      | 18,5 |
| ▲ 5610B1801    | 1            | 18  | 7              | 0.016                     | 0,41 | 0.035                 | 0,89 | 0.24      | 6,1  |
| ▲ 5610B1802    | 2            | 18  | 7              | 0.016                     | 0,41 | 0.040                 | 1,02 | 0.37      | 8,4  |
| ▲ 5610B1804    | 4            | 18  | 7              | 0.016                     | 0,41 | 0.050                 | 1,27 | 0.45      | 11,2 |
| 5610B1808      | 8            | 18  | 7              | 0.016                     | 0,41 | 0.050                 | 1,27 | 0.56      | 14,2 |
| 5610B1812      | 12           | 18  | 7              | 0.016                     | 0,41 | 0.060                 | 1,52 | 0.68      | 17,0 |
| ▲ 5610B1601    | 1            | 16  | 7              | 0.016                     | 0,41 | 0.035                 | 0,89 | 0.26      | 6,5  |
| ▲ 5610B1602    | 2            | 16  | 7              | 0.016                     | 0,41 | 0.050                 | 1,27 | 0.43      | 9,6  |
| ▲ 5610B1604    | 4            | 16  | 7              | 0.016                     | 0,41 | 0.050                 | 1,27 | 0.49      | 12,2 |
| ▲ 5610B1608    | 8            | 16  | 7              | 0.016                     | 0,41 | 0.060                 | 1,52 | 0.64      | 16,2 |
| 5610B1612      | 12           | 16  | 7              | 0.016                     | 0,41 | 0.060                 | 1,52 | 0.75      | 18,8 |
| ▲ 5610B1401    | 1            | 14  | 19             | 0.020                     | 0,51 | 0.040                 | 1,02 | 0.31      | 7,9  |
| 5610B1201      | 1            | 12  | 19             | 0.020                     | 0,51 | 0.040                 | 1,02 | 0.35      | 8,8  |

### SPECIFICATIONS

- UL Type PLTC
- CSA CMG FT4
- Passes UL Vertical Tray Flame Test
- Complies with NEC Article 725, Type PLTC
- RoHS Compliant



Canadian Standards Association



### OVERALL SHIELDED TRIADS

| Alpha Part No. | No. of Triads | AWG | No. of Strands | Nom. Insulation Thickness |      | Nom. Jacket Thickness |      | Nom. O.D. |      |
|----------------|---------------|-----|----------------|---------------------------|------|-----------------------|------|-----------|------|
|                |               |     |                | Inches                    | mm   | Inches                | mm   | Inches    | mm   |
| ▲ 5640B2201    | 1             | 22  | 7              | 0.013                     | 0,33 | 0.035                 | 0,89 | 0.20      | 5,8  |
| ▲ 5640B2001    | 1             | 20  | 7              | 0.013                     | 0,33 | 0.035                 | 0,89 | 0.22      | 6,6  |
| ▲ 5640B2004    | 4             | 20  | 7              | 0.013                     | 0,33 | 0.050                 | 1,27 | 0.44      | 11,2 |
| ▲ 5640B1801    | 1             | 18  | 7              | 0.016                     | 0,41 | 0.035                 | 0,89 | 0.25      | 7,4  |
| ▲ 5640B1601    | 1             | 16  | 7              | 0.016                     | 0,41 | 0.040                 | 1,01 | 0.27      | 8,6  |

### AVAILABILITY

- Bulk, Cut to Length
- ▲ Available in 1000 ft (305m) put-ups