



Product: [1242A](#)

Audio, Control & Instrument Cable, #22-4C, CM

Product Description

Audio, Control & Instrument Cable, 4-22 AWG Solid Bare Copper Conductors, Polyolefin Insulated, PVC Jacket, CM Rated

Technical Specifications

Product Overview

|                        |                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Suitable Applications: | low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...); line level audio; voice communications; panel wiring |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------|

Construction Details

| Element      | No. of Elements | Size   | Stranding | Material         |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 4               | 22 AWG | Solid     | BC - Bare Copper |

| Element      | Material        | Nom. Thickness     | Nom. Insulation Diameter | Color Code                |
|--------------|-----------------|--------------------|--------------------------|---------------------------|
| Conductor(s) | PO - Polyolefin | 0.009 in (0.23 mm) | 0.0433 in mm             | Green, Red, Yellow, Black |

Outer Shield

| Material  |
|-----------|
| No Shield |

| Material                 | Nom. Thickness     | Nom. Diameter      |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.025 in (0.64 mm) | 0.154 in (3.91 mm) |

|                                   |                    |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.154 in (3.91 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Velocity of Prop. | Max. Current                   |
|--------------------|-------------------------------|------------------------|--------------------------------|
| 17.8 Ohm/1000ft    | 15 pF/ft (49 pF/m)            | 66%                    | 2.2 Amps per Conductor at 25°C |

| UL Voltage Rating |
|-------------------|
| 300 V             |

Mechanical Characteristics

| UL Temperature | Operating      |
|----------------|----------------|
| 60°C           | -20°C to +60°C |

| Stationary Min.   | Installation Min. |
|-------------------|-------------------|
| 1.54 in (39.1 mm) | 1.54 in (39.1 mm) |

|                    |                |
|--------------------|----------------|
| Max. Pull Tension: | 32 lbs (15 kg) |
|--------------------|----------------|

|                    |               |
|--------------------|---------------|
| Bulk Cable Weight: | 15 lbs/1000ft |
|--------------------|---------------|

Standards and Compliance

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| Environmental Suitability:       | Indoor - Riser, Indoor                                   |
| Flammability / Reaction to Fire: | UL 1685 UL Loading, UL 1685 Vertical Tray, IEC 60332-1-2 |
| CPR Compliance:                  | CPR Euroclass: Eca                                       |
| NEC / UL Compliance:             | Article 800, CM                                          |
| CEC / C(UL) Compliance:          | CM                                                       |
| Data Category:                   | Category 3                                               |
| UK Regulation Compliance:        | UKCA Mark                                                |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.400 Revision Date: 03-04-2023 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #         | Color            | Putup Type | Length   | UPC          |
|----------------|------------------|------------|----------|--------------|
| 1242A T35U1000 | Beige, Pale Fawn | UnReel     | 1,000 ft | 612825109686 |
| 1242A 008U1000 | Gray             | UnReel     | 1,000 ft | 612825109693 |

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