



REPRESENTATIVE IMAGE

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
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	4	22 AWG	Solid	BC - Bare Copper

Insulation

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

Outer Jacket

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)
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Electrical Characteristics

Electricals

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

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

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

Bend Radius

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

Max. Pull Tension:	32 lbs (15 kg)
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Bulk Cable Weight:	15 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL 1685 UL Loading, 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: 0.399 Revision Date: 01-20-2023
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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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