

## 1242A Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### General Description:

22 AWG solid bare copper conductors, conductors cabled, high density polyethylene insulation, PVC jacket.

### Usage (Overall)

Suitable Applications: Station Wire, Telephone Wire

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	22	Solid	BC - Bare Copper

Total Number of Conductors: 4

#### Insulation

Insulation Material:

Insulation Material
HDPE - High Density Polyethylene

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Diameter:

Nom. Dia. (in.)
0.140

#### Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Green
2	Red
3	Yellow
4	Black

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C
Bulk Cable Weight:	15 lbs/1000 ft.
Max. Recommended Pulling Tension:	32 lbs.
Min. Bend Radius/Minor Axis:	1.400 in.
Min. Bend/Installation:	1.400 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	CM
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

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EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

### Flame Test

UL Flame Test:	UL1581 Vertical Tray
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### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Electrical Characteristics (Overall)

#### Nom. Inductance:

**Inductance (µH/ft)**

#### Nom. Capacitance Conductor to Conductor:

**Capacitance (pF/ft)**

#### Nominal Velocity of Propagation:

**VP (%)**

#### Nominal Delay:

**Delay (ns/ft)**

#### Nom. Conductor DC Resistance:

**DCR @ 20°C (Ohm/1000 ft)**

#### Nom. Attenuation:

**Attenuation (dB/100 ft.)**

#### Max. Operating Voltage - UL:

**Voltage**

#### Max. Recommended Current:

**Current**

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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