

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

ENGLISH MEASUREMENT VERSION

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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)
.17

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
15

Nominal Velocity of Propagation:

VP (%)
66

Nominal Delay:

Delay (ns/ft)
1540

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
17.6

Nom. Attenuation:

Attenuation (dB/100 ft.)
0.53 @ 1MHz

Max. Operating Voltage - UL:

Voltage
300 V RMS (CM)

Max. Recommended Current:

Current
2.2 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1242A T35U1000	1,000 FT	16.000 LB	BEIGE, PALE FAWN		4 CNDR PE PVC CM BOX
1242A 008U1000	1,000 FT	16.000 LB	GRAY		4 CNDR PE PVC CM BOX

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