

**Detailed Specifications &
Technical Data**



1242A Non-Paired - Audio, Control and Instrumentation Cable

	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
---	---

Description:

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

SUITABLE APPLICATIONS:

Suitable Applications Station Wire, Telephone Wire

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	4
Total Number of Conductors	4
AWG	22
Stranding	Solid
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material HDPE - High Density Polyethylene

OVERALL CABLING:

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Green	3	Yellow
2	Red	4	Black

OUTER SHIELD:

Outer Shield Material Unshielded

OUTER JACKET:

Outer Jacket Material PVC - Polyvinyl Chloride

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter .154 in.

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +60°C
Bulk Cable Weight	15 lbs/1000 ft.
Max. Recommended Pulling Tension	32 lbs.

**Detailed Specifications &
Technical Data**



1242A Non-Paired - Audio, Control and Instrumentation Cable

Min. Bend Radius (Install)	1.4 in.
----------------------------	---------

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMX
CEC/C(UL) Specification	CMX

FLAME TEST:

UL Flame Test	UL1581 Vertical Tray (VW-1)
---------------	-----------------------------

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
--------------	---

ELECTRICAL CHARACTERISTICS:

Nom. Inductance	.17 μ H/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	15 pF/ft
Nominal Velocity of Propagation	66 %
Nominal Delay	1540 ns/1000 ft
Nom. Conductor DC Resistance @ 20 Deg. C	17.6 Ohms/1000 ft
Nom. Attenuation (dB/100 ft)	0.53 @ 1MHz dB/100 ft.
Max. Operating Voltage - UL	300 V RMS (CMX)
Max. Recommended Current	2.2 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1242A 008U1000	4 #22 HDPE FR PVC	U1000	16	GRAY	
1242A T35U1000	4 #22 HDPE FR PVC	U1000	16	BEIGE, PALE FAWN	

Revision Number: 1 Revision Date: 08-05-2004

© 2003 Belden Wire & Cable Company
All Rights Reserved.

Although Belden Electronics Division ("Belden") makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.