

**9462 Paired - Audio, Control and Instrumentation Cable**

	<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p> <p>Color Code Chart : No. 3 for Paired Cables (Belden Standard).pdf</p>
---	---

**Description:**

22 AWG stranded (7x30) tinned copper conductors, twisted pair, PVC insulated, overall 100% Beldfoil® shield, 22 AWG stranded tinned copper drain wire, PVC jacket.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Pairs	1
Total Number of Conductors	2
AWG	22
Stranding	7x30
Conductor Material	TC - Tinned Copper

**INSULATION:**

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.013 in.
Lay Length	1.5 in.

Pair Color Code Chart :

Number	Color
1	Black & Red

**OUTER SHIELD:**

Outer Shield Material Trade Name	Beldfoil® (Z-Fold®)
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %

**OUTER SHIELD DRAIN WIRE :**

Outer Shield Drain Wire AWG	22
Outer Shield Drain Wire Stranding	7x30
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

**OUTER JACKET:**

## 9462 Paired - Audio, Control and Instrumentation Cable

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.035 in.

**OVERALL NOMINAL DIAMETER:**

Overall Nominal Diameter	.186 in.
--------------------------	----------

**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-30°C To +80°C
UL Temperature Rating	80°C (UL AWM Style 2464)
Bulk Cable Weight	17.3 lbs/1000 ft.
Max. Recommended Pulling Tension	27 lbs.
Min. Bend Radius (Install)	1.86 in.

**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:**

**APPLICABLE STANDARDS:**

NEC/(UL) Specification	CMG
CEC/C(UL) Specification	CMG
AWM Specification	UL Style 2464 (300 V 80°C)

**FLAME TEST:**

C(UL) Flame Test	FT4
------------------	-----

**PLENUM/NON-PLENUM:**

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

**ELECTRICAL CHARACTERISTICS:**

Nom. Characteristic Impedance	36 Ohms
Nom. Inductance	0.19 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	50 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	90 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	16 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2464)
Max. Recommended Current	3 Amps per conductor @ 25°C

**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9462 060100	2 #22 PVC FS PVC	100	3	CHROME	
9462 0601000	2 #22 PVC FS PVC	1000	21	CHROME	C
9462 060500	2 #22 PVC FS PVC	500	10.5	CHROME	
9462 060U1000	2 #22 PVC FS PVC	U1000	21	CHROME	
9462 060U500	2 #22 PVC FS PVC	U500	11	CHROME	

---

**9462 Paired - Audio, Control and Instrumentation Cable**

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 04-06-2004

---

© 2004 Belden Wire & Cable Company  
All Rights Reserved.

Although Belden 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.