



8723 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> <p>Color Code Chart : No. 1.pdf</p>
---	--

Description:

22 AWG stranded (7x30) tinned copper conductors, twisted pairs, polypropylene insulation, individually shielded with 100% Beldfoil® shield plus a 24 AWG stranded tinned copper drain wire, PVC jacket. Pairs cabled on common axes to reduce diameter.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	2
Total Number of Conductors	4
AWG	22
Stranding	7x30
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PP - Polypropylene
Lay Length	1.5 in.
Twists/ft.	8

Pair Color Code Chart :

Number	Color	Number	Color
1	Red & Black	2	Green & White

INNER SHIELD:

Inner Shield Material Trade Name	Beldfoil® (Z-Fold®)
Inner Shield Type	Tape
Inner Shield Material	Aluminum Foil-Polyester Tape
Inner Shield % Coverage	100 %
Inner Shield Drain Wire AWG	24
Inner Shield Drain Wire Stranding	7x32
Inner Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER SHIELD:

Outer Shield Material	Unshielded
-----------------------	------------

OUTER JACKET:



8723 Paired - Audio, Control and Instrumentation Cable

Outer Jacket Material	PVC - Polyvinyl Chloride
-----------------------	--------------------------

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.168 in.
--------------------------	----------

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +60°C
UL Temperature Rating	60°C
Bulk Cable Weight	18.3 lbs/1000 ft.
Max. Recommended Pulling Tension	50 lbs.
Min. Bend Radius (Install)	1.6 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

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

FLAME TEST:

UL Flame Test	UL1581 Vertical Tray
---------------	----------------------

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
Plenum Number	82723, 87723, 88723

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	45 Ohms
Nom. Inductance	0.17 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	35 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	62 pF/ft
Nominal Velocity of Propagation	66 %
Nom. Conductor DC Resistance @ 20 Deg. C	15 Ohms/1000 ft
Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C	16.6 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	2.3 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8723 060100	2 SH PR #22 PP PVC	100	2.3	CHROME	
8723 0601000	2 SH PR #22 PP PVC	1000	20	CHROME	C
8723 06010000	2 SH PR #22 PP PVC	10000	200	CHROME	C Y



8723 Paired - Audio, Control and Instrumentation Cable

8723 0601640	2 SH PR #22 PP PVC	1640	32.8	CHROME	
8723 0602000	2 SH PR #22 PP PVC	2000	40	CHROME	C
8723 0603280	2 SH PR #22 PP PVC	3280	65.6	CHROME	C
8723 060500	2 SH PR #22 PP PVC	500	10	CHROME	
8723 0605000	2 SH PR #22 PP PVC	5000	95	CHROME	C
8723 060U1000	2 SH PR #22 PP PVC	U1000	20	CHROME	
8723 060U2000	2 SH PR #22 PP PVC	U2000	40	CHROME	
8723 060U500	2 SH PR #22 PP PVC	U500	10.5	CHROME	

C = CRATE REEL PUT-UP.

Y = FINAL PUT-UP LENGTH MAY VARY -10% TO +20% FROM LENGTH SHOWN. MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.

Revision Number: 1 Revision Date: 11-04-2004

© 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.