



8772 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:

20 AWG stranded (7x28) tinned copper conductors, conductors cabled, 20 AWG stranded tinned copper drain wire, polyethylene insulation, overall Beldfoil® aluminum-polyester shield (100% shield coverage), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	3
Total Number of Conductors	3
AWG	20
Stranding	7x28
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PE - Polyethylene
Nom. Insulation Wall Thickness	.016 in.

OVERALL CABLING:

Overall Cabling Lay Length	1.5 in.
Overall Cabling Twists/ft.	8

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	3	Clear
2	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 AWG	20
Outer Shield Drain Wire Stranding	7x28
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:



8772 Non-Paired - Audio, Control and Instrumentation Cable

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.033 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.218 in.
--------------------------	----------

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +60°C
UL Temperature Rating	60°C (UL AWM Style 2093)
Bulk Cable Weight	27.6 lbs/1000 ft.
Max. Recommended Pulling Tension	45 lbs.
Min. Bend Radius (Install)	2 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CM
CEC/C(UL) Specification	CM
AWM Specification	UL Style 2093 (300 V 60°C)

FLAME TEST:

UL Flame Test	UL1685 UL Loading
---------------	-------------------

ELECTRICAL CHARACTERISTICS:

Nom. Capacitance Conductor to Conductor @ 1 KHz	27 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	51 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	10.0 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	8.9 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2093)
Max. Recommended Current	4 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8772 0601000	3 #20 PE FS PVC	1000	32	CHROME	C
8772 060500	3 #20 PE FS PVC	500	16	CHROME	C
8772 060U1000	3 #20 PE FS PVC	U1000	31	CHROME	
8772 060U500	3 #20 PE FS PVC	U500	16	CHROME	

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 02-16-2005



8772 Non-Paired - Audio, Control and Instrumentation Cable

© 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.