

8752 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1



Description:

22 AWG solid tinned copper conductors, polypropylene insulation, twisted pairs, overall Beldfoil® shield (100% coverage), 22 AWG solid TC drain wire, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
38	22	Solid	TC - Tinned Copper

Total Number of Conductors: 76

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.2032

Insulation Resistance: 1250 megohms/1000 ft. at 500 VDC

Outer Shield

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

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

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.143

Overall Cable

Overall Nominal Diameter: 15.494 mm

Pair

Pair Color Code Chart:

Number	Color
1	Blue & White
2	Orange & White
3	Green & White
4	Brown & White
5	Gray & White
6	Blue/White & White
7	Blue/Orange & White
8	Blue/Green & White
9	Blue/Brown & White
10	Blue/Gray & White
11	Orange/White & White
12	Orange/Green & White
13	Orange/Brown & White
14	Orange/Gray & White

8752 Multi-Conductor - Audio, Control and Instrumentation Cable

15	Green/White & White
16	Green/Brown & White
17	Green/Gray & White
18	Brown/White & White
19	Brown/Gray & White
20	Gray/White & White
21	Blue & Red
22	Orange & Red
23	Green & Red
24	Brown & Red
25	Gray & Red
26	Blue/White & Red
27	Blue/Orange & Red
28	Blue/Green & Red
29	Blue/Brown & Red
30	Blue/Gray & Red
31	Orange/White & Red
32	Orange/Green & Red
33	Orange/Brown & Red
34	Orange/Gray & Red
35	Green/White & Red
36	Green/Brown & Red
37	Green/Gray & Red
38	Brown/White & Red

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
Non-UL Temperature Rating:	80°C
Bulk Cable Weight:	359.251 Kg/Km
Max. Recommended Pulling Tension:	2624.440 N
Min. Bend Radius/Minor Axis:	304.800 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU CE Mark:	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
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:	VW-1
-----------------------	------

Plenum/Non-Plenum

Plenum (Y/N):	No
----------------------	----

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
79.7283

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

METRIC MEASUREMENT VERSION

8752 Multi-Conductor - Audio, Control and Instrumentation Cable

55.777

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
52.496

Max. Operating Voltage - UL:

Voltage
200 V RMS

Max. Recommended Current:

Current
1 Amp per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8752 0601000	305 MT	116.120 KG	CHROME	C D	38 PR #22 PP SHLD PVC
8752 060250	76 MT	29.484 KG	CHROME	C D	38 PR #22 PP SH PVC

Notes:

C = CRATE REEL PUT-UP.
D = FINAL PUT-UP LENGTH MAY VARY -0% TO +20% FROM LENGTH SHOWN.

Revision Number: 1 Revision Date: 05-14-2007

© 2012 Belden, Inc
All Rights Reserved.

Although 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.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.