

8752 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



General 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 (in.)
PP - Polypropylene	.008

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 (in.)
PVC - Polyvinyl Chloride	.045

Overall Cable

Overall Nominal Diameter: 0.610 in.

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
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

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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:	241.400 lbs/1000 ft.
Max. Recommended Pulling Tension:	590 lbs.
Min. Bend Radius/Minor Axis:	12 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

EU Directive 2011/65/EU (ROHS II):	Yes
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
MIL Order #39 (China RoHS):	Yes

**Flame Test**

UL Flame Test:	VW-1
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**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Electrical Characteristics (Overall)****Nom. Capacitance Conductor to Shield:**

Capacitance (pF/ft)

24.3

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)

17

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

16

**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
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## 8752 Multi-Conductor - Audio, Control and Instrumentation Cable

8752 0601000	1,000 FT	256.000 LB	CHROME	C D	38 PR #22 PP SHLD PVC
8752 060250	250 FT	65.000 LB	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.

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