

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 |

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 |

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| | |
|----|---------------------|
| 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: | 241.400 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 590 lbs. |
| Min. Bend Radius (Install)/Minor Axis: | 12 in. |

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/ft) |
| 24.3 |

Nom. Capacitance Conductor to Conductor:

| |
|----------------------------|
| Capacitance (pF/ft) |
| 17 |

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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

Related Documents:

No related documents are available for this product

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|----------|-------------|--------|-------|-----------------------|
| 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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