



**Product:** [1503A](#) 

Line Level Audio Cable, 1 Pr #22 Str TC, O/A Foil, PVC Jkt, CMR

## Product Description

Line Level Audio Cable, 1 Pair 22 AWG (7 x 30) Tinned Copper, PVC Insulation, Overall Beldfoil® Shield, PVC Jacket, CMR

## Technical Specifications

### Product Overview

|                        |                                                          |
|------------------------|----------------------------------------------------------|
| Suitable Applications: | Line level audio; Low voltage analog signals and control |
|------------------------|----------------------------------------------------------|

### Construction Details

#### Conductor

| Element | No. of Elements | Size   | Stranding | Material           |
|---------|-----------------|--------|-----------|--------------------|
| Pair(s) | 1               | 22 AWG | 7x30      | TC - Tinned Copper |

#### Insulation

| Element | Material                 | Nom. Thickness     | Nom. Insulation Diameter | Color Code  |
|---------|--------------------------|--------------------|--------------------------|-------------|
| Pair(s) | PVC - Polyvinyl Chloride | 0.011 in (0.28 mm) | 0.050 in (1.3 mm)        | Black & Red |

#### Outer Shield

| Shield Type | Material                | Coverage | Drainwire Type   |
|-------------|-------------------------|----------|------------------|
| Tape        | Bi-Laminate (Alum+Poly) | 100%     | 24 AWG (7x32) TC |

#### Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter      |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.020 in (0.51 mm) | 0.142 in (3.61 mm) |

|                                   |                    |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.142 in (3.61 mm) |
|-----------------------------------|--------------------|

### Electrical Characteristics

#### Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedance | Nom. Delay | Nom. Inductance        | Nom. Velocity of Prop. | Max. Current                |
|---------|--------------------|-------------------------------|-------------------------------------------------|-------------------------------|------------|------------------------|------------------------|-----------------------------|
| Pair(s) | 18.2 Ohm/1000ft    | 53 pF/ft (170 pF/m)           | 97 pF/ft (320 pF/m)                             | 38 Ohm                        | 1.5 ns/ft  | 0.18 µH/ft (0.59 µH/m) | 66%                    | 6 Amps per conductor @ 30°C |

|                                      |                                 |
|--------------------------------------|---------------------------------|
| Nom Outer Shield DCR@Cond DCR1-cnvt: | 19.44 Ohm/1000ft (63.78 Ohm/km) |
|--------------------------------------|---------------------------------|

#### Voltage

| UL Voltage Rating |
|-------------------|
| 300 V (CMR)       |

### Mechanical Characteristics

#### Temperature

| UL Temperature | Operating      |
|----------------|----------------|
| 60°C           | -30°C to +90°C |

#### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
|-----------------|-------------------|

|                    |                    |
|--------------------|--------------------|
| 1.4 in (36 mm)     | 1.4 in (36 mm)     |
| Max. Pull Tension: | 23.7 lbs (10.8 kg) |
| Bulk Cable Weight: | 14 lbs/1000ft      |

Standards and Compliance

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Environmental Suitability:       | Indoor - Riser, Indoor                                                                                                    |
| Flammability / Reaction to Fire: | UL 1666 Riser, IEC 60332-1-2                                                                                              |
| CPR Compliance:                  | CPR Euroclass: Eca; CPR UKCA Class: Eca                                                                                   |
| NEC / UL Compliance:             | Article 800, CMR                                                                                                          |
| CEC / C(UL) Compliance:          | CMG                                                                                                                       |
| European Directive Compliance:   | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| UK Regulation Compliance:        | UKCA Mark                                                                                                                 |
| APAC Compliance:                 | China RoHS II (GB/T 26572-2011)                                                                                           |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.419 Revision Date: 09-07-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #         | Color       | Putup Type | Length   | UPC          |
|----------------|-------------|------------|----------|--------------|
| 1503A 010U1000 | Black       | UnReel     | 1,000 ft | 612825116127 |
| 1503A 006U1000 | Blue, Light | UnReel     | 1,000 ft | 612825116080 |
| 1503A 001U1000 | Brown       | UnReel     | 1,000 ft | 612825116042 |
| 1503A 008U1000 | Gray        | UnReel     | 1,000 ft | 612825116103 |
| 1503A N3UU1000 | Green, Mil  | UnReel     | 1,000 ft | 612825116035 |
| 1503A 003U1000 | Orange      | UnReel     | 1,000 ft | 612825116066 |
| 1503A 002U1000 | Red         | UnReel     | 1,000 ft | 612825116059 |
| 1503A 007U1000 | Violet      | UnReel     | 1,000 ft | 612825116097 |
| 1503A 009U1000 | White       | UnReel     | 1,000 ft | 612825116110 |
| 1503A 004U1000 | Yellow      | UnReel     | 1,000 ft | 612825116073 |

© 2025 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 here in 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 "ASIS" 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.