



Product: [9451D](#)

Line Level Audio Cable, 2 Parallel Pr #22 Str TC, O/A Foil, PVC Jkt, CMR

Product Description

Line Level Audio Cable, 2 Parallel Pair 22 AWG (7 x 30) Tinned Copper, PP 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) | 2 | 22 AWG | 7x30 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---------|--------------------|--------------------|--------------------------|-------------|
| Pair(s) | PP - Polypropylene | 0.009 in (0.23 mm) | 0.046 in (1.2 mm) | Black & Red |

Outer Shield

| Shield Type | Material | Coverage | Drainwire Type |
|-------------|-------------------------|----------|------------------|
| Tape | Bi-Laminate (Alum+Poly) | 100% | 22 AWG (7x30) TC |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.020 in (0.51 mm) | 0.135 in (3.43 mm) |

Outer Jacket1 Table Notes: Jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield. For cross-connect use with 1814R (et. al.) Snake Cables.

Overall Cable Diameter (Nominal): 0.270 in (6.86 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 | 34 pF/ft (110 pF/m) | 67 pF/ft (220 pF/m) | 45 Ohm | 1.5 ns/ft | 0.16 μ H/ft (0.52 μ H/m) | 66% | 2.8 Amps per Conductor at 25°C |

Nom Outer Shield DCR: 13.93 Ohm/1000ft (45.70 Ohm/km)

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|-----------------|
| 105°C | -30°C to +105°C |

Bend Radius

| Stationary Min. | Installation Min. |
|--------------------|--------------------|
| 1.4 in (36 mm) | 1.4 in (36 mm) |
| Max. Pull Tension: | 45.5 lbs (20.6 kg) |
| Bulk Cable Weight: | 27 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|--|
| Environmental Suitability: | Indoor - Riser, Indoor |
| Flammability / Reaction to Fire: | UL 1666 Riser, IEC 60332-1-2, FT4 |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 800, CMR |
| CEC / C(UL) Compliance: | CMR |
| European Directive Compliance: | EU CE Mark, 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) |
| Plenum Number: | 9451DP |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.524 Revision Date: 09-07-2025 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|----------------|---------------------|------------|----------|--------------|
| 9451D J77U1000 | Black and Red Pair | UnReel | 1,000 ft | 612825252856 |
| 9451D J776000 | Red and Black | Reel | 6,000 ft | 612825252832 |
| 9451D 0536000 | Red and Gray | Reel | 6,000 ft | 612825252849 |
| 9451D 053U1000 | Red and Gray Pair | UnReel | 1,000 ft | 612825252818 |
| 9451D A5QU1000 | Red and Green Pair | UnReel | 1,000 ft | 612825252825 |
| 9451D A5Q2000 | Red and Green Pair | Reel | 2,000 ft | 612825252801 |
| 9451D G04U1000 | Red and Purple Pair | UnReel | 1,000 ft | 612825433941 |

© 2026 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 "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 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.