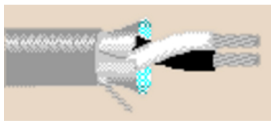
# Product: 9180



## Audio Cable, #26-1pr, TC, O/A Foil, CM

### Product Description

Audio Cable, 110 Ohm, 26 AWG stranded (7x34) .018” TC conductors, Datalene® insulation, twisted pair, Beldfoil® shield (100% coverage), 26 AWG stranded TC drain wire, PVC jacket.

### Technical Specifications

#### Product Overview

| | |
|---|---|
| Suitable Applications: | Low Voltage analog Signals (4-20mA, 0-10V, ...); Low Voltage Digital Control (24V, …); Line Level audio; Computer Communication; Panel Wiring |

#### Construction Details

**Conductor**

| Size | Stranding | Material |
|---|---|---|
| 26 | 7x34 | TC - Tinned Copper |

**Insulation**

| Material | Nom. Thickness | Nom. Insulation Diameter | Color Code | Notes |
|---|---|---|---|---|
| PE - Polyethylene (Foam) | 0.015 in (0.38 mm) | 0.049 in (1.2 mm) | Black & White | HDPE |

**Outer Shield**

| Shield Type | Material | Coverage |
|---|---|---|
| Tape | Bi-Laminate (Alum+Poly) | 100% |

**Outer Jacket**

| Material | Nom. Thickness | Nom. Diameter |
|---|---|---|
| PVC - Polyvinyl Chloride | 0.022 in (0.56 mm) | 0.144 in |

#### Electrical Characteristics

**Electricals**

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedence | Nom. Delay | Nom. Inductance | Nom. Velocity of Prop. | Max. Current |
|---|---|---|---|---|---|---|---|
| 37.3 Ohm/1000ft (122 Ohm/km) | 13 pF/ft (43 pF/m) | 26 pF/ft (85 pF/m) | 110 Ohm | 1.34 ns/ft | 0.23 µH/ft (0.75 µH/m) | 76% | 1.9 Amps per Conductor at 25ºC |

| | |
|---|---|
| Nom Outer Shield DCR@Cond DCR1-cnv: | 23.1 Ohm/1000ft (75.8 Ohm/km) |

**High Frequency (Nominal/Typical)**

| Frequency | Nom. Insertion Loss (Attenuation) [dB/100ft] |
|---|---|
| 0.38 MHz | 0.84 |
| 0.77 MHz | 1.18 |
| 1 MHz | 1.34 |
| 1.5 MHz | 1.54 |
| 2 MHz | 1.69 |
| 3.1 MHz | 1.92 |
| 4.1 MHz | 2.14 |
| 5.6 MHz | 2.4 |
| 8.2 MHz | 2.75 |
| 11.3 MHz | 3.09 |

| | |
|---|---|
| 12.3 MHz | 3.18 |
| 24.6 MHz | 4.2 |

**Voltage**

| UL Voltage Rating |
|---|
| 300 V RMS |

## Mechanical Characteristics

**Temperature**

| UL Temperature | Operating |
|---|---|
| 60°C | -40°C To +75°C |

| | |
|---|---|
| Max. Pull Tension: | 10.5 lbs (4.76 kg) |
| Bulk Cable Weight: | 10 lbs/1000ft (15 kg/km) |

## Standards and Compliance

| | |
|---|---|
| Environmental Suitability: | Indoor - Riser, Indoor |
| Flammability / Reaction to Fire: | UL1685 FT4 Loading, IEC 60332-1-2 |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | CMR |
| CEC / C(UL) Compliance: | CMG |
| European Directive Compliance: | 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) |
| Other Standard Compliance(s): | AES/EBU |

## Product Notes

| | |
|---|---|
| Notes: | For cross-connect use with 7891A (et al.) Digital Audio Snake Cables. |

## History

| | |
|---|---|
| Update and Revision: | Revision Number: 0.447 Revision Date: 09-07-2025 |

## Part Numbers

**Variants**

| Item # | Color | Putup Type | Length | UPC | Footnote |
|---|---|---|---|---|---|
| 9180 0601000 | Chrome | Reel | 1,000 ft | 612825225089 | C |
| 9180 Z4B1000 | Violet Z4B | Reel | 1,000 ft | 612825407386 | |

| | |
|---|---|
| Footnote: | C - CRATE REEL PUT-UP. |

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