

**Product:** [7880A](#) 



Audio Snake Cable, #26-8pr, TC, Individ. Shielded, CM

## Product Description

Digital Audio Snake Cable, CM-Rated, 8-26 AWG tinned copper pairs, Datalene® insulation, individually shielded with Beldfoil® bonded to numbered/color-coded PVC jackets so both strip simultaneously, PVC jacket

## Technical Specifications

### Product Overview

|                        |                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable Applications: | Multi-channel interconnect between audio equipment such as microphones, speakers, amplifiers, mixing consoles; Live events or studio sound; Analog audio |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

### Construction Details

#### Conductor

| Size | Stranding | Material           | No. of Pairs |
|------|-----------|--------------------|--------------|
| 26   | 7x34      | TC - Tinned Copper | 8            |

#### Insulation

| Material                 | Nom. Insulation Diameter | Color Code                                                                                                                                                                    | Notes |
|--------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| PE - Polyethylene (Foam) | 0.054 in (1.4 mm)        | Brown and Numbered 1, Red and Numbered 2, Orange and Numbered 3, Yellow and Numbered 4, Green and Numbered 5, Blue and Numbered 6, Purple and Numbered 7, Gray and Numbered 8 | HDPE  |

#### Inner Shield

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

|                           |                                          |
|---------------------------|------------------------------------------|
| Inner Shield Table Notes: | Indiv. Foil tapes bonded to inner jacket |
|---------------------------|------------------------------------------|

#### Inner Jacket

| Material                 | Nom. Diameter      |
|--------------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.136 in (3.45 mm) |

#### Outer Shield

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

#### Outer Jacket

| Material                 | Nom. Diameter | Ripcord |
|--------------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.541 in      | Yes     |

### Electrical Characteristics

#### Electricals

| Nom. Characteristic Impedance |
|-------------------------------|
| 110 Ohm                       |

#### Delay

| Nom. Velocity of Prop. |
|------------------------|
| 76%                    |

High Frequency

| Frequency [MHz] |
|-----------------|
| 0.384           |
| 0.7056          |
| 0.768           |
| 1.024           |
| 1.4112          |
| 1.536           |
| 2.048           |
| 2.8224          |
| 3.072           |
| 4.096           |
| 5.6448          |
| 6.144           |
| 8.192           |
| 11.2896         |
| 12.288          |
| 24.576          |

Mechanical Characteristics

Temperature

| Operating      |
|----------------|
| -30°C To +80°C |

|                    |                            |
|--------------------|----------------------------|
| Max. Pull Tension: | 84 lbs (38 kg)             |
| Bulk Cable Weight: | 100 lbs/1000ft (150 kg/km) |

Standards and Compliance

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Environmental Suitability:       | Indoor (Not Riser or Plenum), Indoor                                                                                      |
| Flammability / Reaction to Fire: | UL1685 UL Loading, IEC 60332-1-2                                                                                          |
| CPR Compliance:                  | CPR Euroclass: Eca                                                                                                        |
| NEC / UL Compliance:             | CM                                                                                                                        |
| CEC / C(UL) Compliance:          | CM.                                                                                                                       |
| 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)                                                                                           |

Product Notes

|        |                                                                                                                                                                                                                                                                                                               |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes: | Pair jackets and shields are bonded so both strip simultaneously with automatic stripping equipment. Datalene® insulation features include low dielectric constant and a dissipation factor for high-speed, low-distortion data handling. Physical properties include good crush resistance and light weight. |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.444 Revision Date: 09-07-2025 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

| Item #        | Color                  | Putup Type | Length   | UPC          | Footnote |
|---------------|------------------------|------------|----------|--------------|----------|
| 7880A Z4B250  | Violet Z4B             | Reel       | 250 ft   | 612825190530 | C        |
| 7880A Z4B500  | Violet Z4B             | Reel       | 500 ft   | 612825190691 | C        |
| 7880A Z4B1000 | Violet Z4B             | Reel       | 1,000 ft | 612825434160 | C        |
| Footnote:     | C - CRATE REEL PUT-UP. |            |          |              |          |

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