



Product: [1912A](#)



Audio Snake Cable, #24-12pr, BC, Individ. Shielded

## Product Description

Audio Snake Cable, 12-24 AWG bare copper pairs, polyolefin insulation, individually shielded with double serve "French Braid", drain, numbered/color-coded PVC jackets, flexible 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 |
|------------------------|--|

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material         | Nominal Diameter | No. of Pairs |
|-----|-----------|------------------|------------------|--------------|
| 24  | 41x40     | BC - Bare Copper | 0.0225 in        | 12           |

|                        |    |
|------------------------|----|
| Conductor Count:       | 24 |
| Total Number of Pairs: | 12 |

#### Insulation

| Material           | Nominal Diameter | Nominal Wall Thickness |
|--------------------|------------------|------------------------|
| PP - Polypropylene | 0.04 in          | 0.008 in               |

#### Color Chart

| Number | Color  |
|--------|--------|
| 1      | Brown  |
| 2      | Red    |
| 3      | Orange |
| 4      | Yellow |
| 5      | Green  |
| 6      | Blue   |
| 7      | Purple |
| 8      | Gray   |
| 9      | White  |
| 10     | Black  |
| 11     | Tan    |
| 12     | Pink   |

#### Inner Shield

| Type         | Material         | Coverage [%] | Drainwire Material | Drainwire Diameter | Drainwire AWG | Drainwire Construction n x D |
|--------------|------------------|--------------|--------------------|--------------------|---------------|------------------------------|
| French Braid | Bare Copper (BC) | 95%          | TC - Tinned Copper | 0.025 in           | 24            | 19x26                        |

#### Inner Jacket

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.119 in         | 0.0135 in              |

#### Outer Shield

| Material |
|----------|
|----------|

No Shield

#### Outer Jacket

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.602 in         | 0.062 in               |

### Electrical Characteristics

#### Conductor DCR

| Individual Pair Nominal Shield DCR | Nominal Conductor DCR | Nominal Conductor DCR Conductor Resistance |
|------------------------------------|-----------------------|--|
| 7.2 Ohm/1000ft                     | 25.5 Ohm/1000ft       | 25.5 Ohm/1000ft                            |

#### Capacitance

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Other Conductor to Shield |
|---|---|
| 26.1 pF/ft                              | 47.5 pF/ft  |

#### Inductance

| Nominal Inductance |
|--------------------|
| 0.18 $\mu$ H/ft    |

#### Impedance

| Nominal Characteristic Impedance |
|----------------------------------|
| 60 Ohm                           |

#### Delay

| Nominal Velocity of Propagation (VP) [%] |
|--|
| 66%                                      |

#### Current

| Max. Recommended Current [A]    |
|---------------------------------|
| 1.05 Amps per Conductor at 25°C |

#### Voltage

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

### Temperature Range

|                              |                |
|------------------------------|----------------|
| Operating Temperature Range: | -20°C To +60°C |
|------------------------------|----------------|

### Mechanical Characteristics

|                              |                |
|------------------------------|----------------|
| Bulk Cable Weight:           | 187 lbs/1000ft |
| Max. Pull Tension:           | 350 lbs        |
| Min. Bend Radius/Minor Axis: | 6 in           |

### Applicable Environmental and Other Programs

|  |                               |
|--|-------------------------------|
| Environmental Space:                         | Indoor (Not Riser or Plenum)  |
| EU Directive 2000/53/EC (ELV):               | Yes                           |
| EU Directive 2003/11/EC (BFR):               | Yes                           |
| EU Directive 2011/65/EU (RoHS 2):            | Yes                           |
| EU Directive 2012/19/EU (WEEE):              | Yes                           |
| EU Directive 2015/863/EU (RoHS 2 amendment): | Yes                           |
| EU Directive Compliance:                     | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                                  | No                            |
| MII Order #39 (China RoHS):                  | Yes                           |

### Suitability

|                       |     |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

### Flammability, LSOH, Toxicity Testing

|                    |           |
|--------------------|-----------|
| UL voltage rating: | 300 V RMS |
|--------------------|-----------|

### Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

## Related Part Numbers

### Variants

| Item #        | Color        | Put-Up Type | Length   | UPC          |
|---------------|--------------|-------------|----------|--------------|
| 1912A B59250  | Black, Matte | Reel        | 250 ft   | 612825126546 |
| 1912A B59500  | Black, Matte | Reel        | 500 ft   | 612825126553 |
| 1912A B591000 | Black, Matte | Reel        | 1,000 ft | 612825126539 |

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

### History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.357 Revision Date: 02-03-2025 |
|----------------------|--|

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