
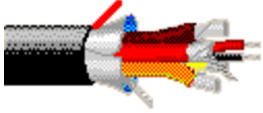


**Product:** [1514C](#) 



Audio Snake Cable, #24-16pr, TC, Indiv. Shielded, CM

### Product Description

Audio Snake Cable, CM-Rated, 16-24 AWG tinned copper pairs, polyolefin insulation, individually shielded with Beldfoil® bonded to numbered/color-coded PVC jackets so both strip simultaneously, overall Beldfoil® shield, drain, flexible PVC jacket

### Technical Specifications

#### Physical Characteristics (Overall)

##### Conductor

| AWG | Stranding | Material           | Nominal Diameter | No. of Pairs |
|-----|-----------|--------------------|------------------|--------------|
| 24  | 7x32      | TC - Tinned Copper | 0.024 in         | 16           |

|                        |    |
|------------------------|----|
| Conductor Count:       | 32 |
| Total Number of Pairs: | 16 |

##### 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        |
| 13     | Gray/Brown  |
| 14     | Gray/Red    |
| 15     | Gray/Orange |
| 16     | Gray/Yellow |

##### Color Chart 2

| Color         |
|---------------|
| Red and Black |

##### Inner Shield Material

| Type | Material    | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire Diameter | Drainwire AWG | Drainwire Construction n x D |
|------|-------------|---------------------|--------------|--------------------|--------------------|---------------|------------------------------|
| Tape | Alum / Poly | Beldfoil®           | 100%         | TC - Tinned Copper | 0.024 in           | 24            | 7x32                         |

##### Inner Jacket Material

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.113 in         | 0.015 in               |

#### Outer Shield Material

| Type | Material    | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire Diameter | Drainwire AWG | Drainwire Construction n x D |
|------|-------------|---------------------|--------------|--------------------|--------------------|---------------|------------------------------|
| Tape | Alum / Poly | Beldfoil®           | 100%         | TC - Tinned Copper | 0.046 in           | 18            | 7x26                         |

#### Outer Jacket Material

| Material                 | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.628 in         | 0.056 in               | Yes     |

## Electrical Characteristics

#### Conductor DCR

| Individual Pair Nominal Shield DCR | Nominal Conductor DCR | Nominal Conductor DCR Conductor Resistance |
|------------------------------------|-----------------------|--|
| 15.9 Ohm/1000ft                    | 23.3 Ohm/1000ft       | 23.3 Ohm/1000ft                            |

#### Capacitance

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Other Conductor to Shield |
|---|---|
| 31 pF/ft                                | 58 pF/ft  |

#### Inductance

| Nominal Inductance |
|--------------------|
| 0.18 µH/ft         |

#### Impedance

| Nominal Characteristic Impedance |
|----------------------------------|
| 50 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 Temp Range: | -35°C To +75°C |
|-----------------------|----------------|

## Mechanical Characteristics

|                             |                |
|-----------------------------|----------------|
| Bulk Cable Weight:          | 225 lbs/1000ft |
| Max. Pull Tension:          | 286.4 lbs      |
| Min Bend Radius/Minor Axis: | 6.5 in         |

## Standards

|                       |    |
|-----------------------|----|
| NEC/(UL) Compliance:  | CM |
| CEC/C(UL) Compliance: | CM |

## 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 II): | Yes                           |
| EU Directive 2012/19/EU (WEEE):    | Yes                           |
| EU Directive 2015/863/EU:          | Yes                           |
| EU Directive Compliance:           | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                        | Yes                           |

|                                       |            |
|---------------------------------------|------------|
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01 |
| MIL Order #39 (China RoHS):           | Yes        |

### Suitability

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

### Flammability, LS0H, Toxicity Testing

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

### Plenum/Non-Plenum

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

### Part Number

#### Variants

| Item #        | Color        | Putup Type | Length   | UPC          |
|---------------|--------------|------------|----------|--------------|
| 1514C B59500  | Black, Matte | Reel       | 500 ft   | 612825116875 |
| 1514C B591000 | Black, Matte | Reel       | 1,000 ft | 612825116868 |
| 1514C B593000 | Black, Matte | Reel       | 3,000 ft | 612825431244 |

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

### History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.261 Revision Date: 06-08-2020 |
|----------------------|--|

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