



Product: [1513C](#)

Audio Snake Cable, #24-12pr Str TC, Ind. Shielded & Jacketed, O/A Foil, PVC Jkt, Ripcord, CM, Flexible

REPRESENTATIVE IMAGE

Product Description

Audio Snake Cable, 12 Pair 24 AWG (7 x 32) Tinned Copper, PP Insulation, Individually Foil Shielded and PVC Jacketed, Overall Beldfoil® Shield, PVC jacket, Ripcord, CM, Flexible

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

| Element | No. of Elements | Size | Stranding | Material |
|---------|-----------------|--------|-----------|--------------------|
| Pair(s) | 12 | 24 AWG | 7x32 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code | Notes |
|---------|--------------------|--------------------|--------------------------|--|---|
| Pair(s) | PP - Polypropylene | 0.008 in (0.20 mm) | 0.04 in (1.0 mm) | Black & Red | |
| | | | | Yellow, Green, Blue, Violet, Grey, White, Black, Tan, Pink, Brown, Red, Orange | The Colors represented in this rows are for Inner Jacket colors |

Inner Shield

| Element | Shield Type | Material | Coverage | Drainwire Type | Notes |
|---------|-------------|-------------------------|----------|------------------|---|
| Pair(s) | Tape | Bi-Laminate (Alum+Poly) | 100% | 24 AWG (7x32) TC | Individual pair tapes are adhered to their inner jackets for easy stripping |

Outer Shield

| Shield Type | Material | Coverage | Drainwire Type |
|-------------|-------------------------|----------|-------------------|
| Tape | Bi-Laminate (Alum+Poly) | 100% | 18 AWG (65x36) TC |

Inner Jacket

| Element | Material | Nom. Thickness | Nom. Diameter |
|---------|--------------------------|--------------------|--------------------|
| Pair(s) | PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.113 in (2.87 mm) |

| | |
|--------------|--|
| Table Notes: | Inner jackets are numbered and are colored: Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, White, Black, Tan, Pink |
|--------------|--|

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|-------------------|--------------------|---------|
| PVC - Polyvinyl Chloride | 0.045 in (1.1 mm) | 0.561 in (14.2 mm) | Yes |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.561 in (14.2 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedance | Nom. Velocity of Prop. | Max. Current |
|---------|--------------------|-------------------------------|---|-------------------------------|------------------------|--------------------------------|
| Pair(s) | 23.3 Ohm/1000ft | 31 pF/ft (100 pF/m) | 58 pF/ft (190 pF/m) | 50 Ohm | 66% | 1.05 Amps per conductor @ 25°C |

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 75°C | -35°C to +75°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 5.6 in (140 mm) | 5.6 in (140 mm) |

| | |
|--------------------|----------------------|
| Max. Pull Tension: | 220.4 lbs (99.97 kg) |
| Bulk Cable Weight: | 162 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|--|
| Environmental Suitability: | Indoor (Not Riser or Plenum), Indoor |
| Flammability / Reaction to Fire: | UL 1685 FT4 Loading, IEC 60332-1-2 |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 800, CM |
| CEC / C(UL) Compliance: | CM |
| 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) |

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.515 Revision Date: 12-22-2023 |
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Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|---------------|--------------|------------|----------|--------------|----------|
| 1513C B59500 | Black, Matte | Reel | 500 ft | 612825116851 | C |
| 1513C B591000 | Black, Matte | Reel | 1,000 ft | 612825116844 | C |
| 1513C B595000 | Black, Matte | Reel | 5,000 ft | 612825431237 | |

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