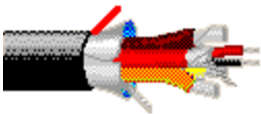




Product: [1510C](#)



Audio Snake Cable, #24-4pr, TC, Individ. Shielded, CM

Product Description

Audio Snake Cable, CM-Rated, 4-24 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

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 |
|--------------|-----------------|--------|-----------|--------------------|
| Conductor(s) | 4 | 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 | |
| | | | | Brown, Red, Orange, Yellow | colors mentioned here is for inner Jacket |

Inner Shield

| Shield Type | Material | Coverage | Drainwire Type |
|-------------|------------------------------|----------|------------------|
| Tape | Tri-Laminate (Alum+Poly+PVC) | 100% | 24 AWG (7x32) TC |

Outer Shield

| Shield Type | Material | Coverage | Drainwire Type |
|-------------|-------------------------|----------|------------------|
| Tape | Bi-Laminate (Alum+Poly) | 100% | 18 AWG (7x26) TC |

Inner Jacket

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

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.037 in (0.94 mm) | 0.352 in | Yes |

| | |
|-----------------------------------|----------|
| Overall Cable Diameter (Nominal): | 0.352 in |
|-----------------------------------|----------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Inner Shield DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Velocity of Prop. | Max. Current |
|--------------------|---------------------------------|-------------------------------|---|------------------------|--------------------------------|
| 28.3 Ohm/1000ft | 20.63 Ohm/1000ft (67.68 Ohm/km) | 31 pF/ft (100 pF/m) | 58 pF/ft (190 pF/m) | 66% | 8.4 Amps per Conductor at 30°C |

Voltage

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

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 60°C | -20°C to +60°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-------------------|-------------------|
| 3.52 in (89.4 mm) | 3.52 in |

| | |
|--------------------|--------------------|
| Max. Pull Tension: | 49.9 lbs (22.6 kg) |
| Bulk Cable Weight: | 65 lbs/1000ft |

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: | Article 800, 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) |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.451 Revision Date: 12-22-2023 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|---------------|--------------|------------|----------|--------------|----------|
| 1510C B59500 | Black, Matte | Reel | 500 ft | 612825116790 | C |
| 1510C B591000 | Black, Matte | Reel | 1,000 ft | 612825116783 | C |
| 1510C B595000 | Black, Matte | Reel | 5,000 ft | 612825431268 | |

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