
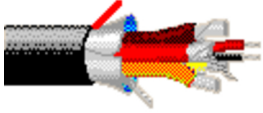


Product: [1509C](#) 



Audio Snake Cable, #24-2pr, TC, Individ. Shielded, CM

Product Description

Audio Snake Cable, CM-Rated, 2-24 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 | 2 |

Conductor Count: 4

Insulation

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

Color Chart

| Number | Color |
|--------|-------|
| 1 | Brown |
| 2 | Red |

Inner Shield

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

Inner Jacket

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

Outer Shield

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

Outer Jacket

| Material | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.301 in | 0.034 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

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: 42 lbs/1000ft

Max. Pull Tension: 55.4 lbs

Min. Bend Radius/Minor Axis: 3 in

Standards

NEC/(UL) Compliance: CM

CEC/C(UL) Compliance: CM

CPR Euroclass: Eca

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: Yes

MII Order #39 (China RoHS): Yes

Suitability

Suitability - Indoor: Yes

Flammability, LSOH, Toxicity Testing

IEC Flammability: IEC 60332-1-2

UL voltage rating: 300 V RMS

Plenum/Non-Plenum

Plenum (Y/N): No

Part Number

Variants

| Item # | Color | Put-Up Type | Length | UPC |
|---------------|--------------|-------------|----------|--------------|
| 1509C B59500 | Black, Matte | Reel | 500 ft | 612825116745 |
| 1509C B591000 | Black, Matte | Reel | 1,000 ft | 612825116738 |

Footnote: C - CRATE REEL PUT-UP.

History

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