
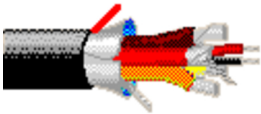


Product: [1512C](#) 



Audio Snake Cable, #24-8pr, TC, Individ. Shielded, CM

Product Description

Audio Snake Cable, CM-Rated, 8-24 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 | 8 |
| Conductor Count: | | | | 16 |
| Total Number of Pairs: | | | | 8 |

| 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 | Red & Black |

| Inner Shield Material | | | | | | | |
|-----------------------|-------------------------|---------------------|--------------|--------------------|--------------------|---------------|------------------------------|
| 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 | | |
|--------------------------|------------------|------------------------|
| 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 | Bi-Laminate (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 | 0.452 in | 0.033 in | Yes |

| | | | |
|--|-------|--|--|
| | 0.452 | | |
|--|-------|--|--|

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: | 117 lbs/1000ft |
| Max. Pull Tension: | 152 lbs |
| Min. Bend Radius/Minor Axis: | 4.5 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, LS0H, 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 |
|---------------|--------------|-------------|----------|--------------|
| 1512C B59500 | Black, Matte | Reel | 500 ft | 612825116837 |
| 1512C B591000 | Black, Matte | Reel | 1,000 ft | 612825116820 |
| 1512C B595000 | Black, Matte | Reel | 5,000 ft | 612825431251 |

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

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.343 Revision Date: 08-27-2021 |
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