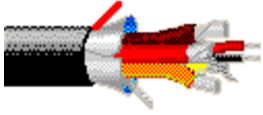


Part Number: 1512C

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

Product Overview

| | |
|----------------------|------------------------------|
| Environmental Space: | Indoor (Not Riser or Plenum) |
|----------------------|------------------------------|

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 |
| Conductor Size: | 24 AWG |

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness |
|-----------------|------------------|------------------------|
| PO - Polyolefin | 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 | Aluminum Foil-Polyester Tape | Beldfoil® | 100 % | TC - Tinned Copper | 0.024 in | 24 | 7x32 |
| | | | | | | TC - Tinned Copper | |

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 | Aluminum Foil-Polyester Tape | 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 |

Shielding: Individually Shielded + Overall Shield

Inductance

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

Delay

| Nominal Velocity of Propagation (VP) [%] |
|------------------------------------------|
| 66 % |

Current

| Max. Recommended Current [A] |
|--------------------------------|
| 1.05 Amps per conductor @ 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 Recommended Pulling Tension: | 152 lbs |
| Min Bend Radius/Minor Axis: | 4.5 in |

Standards

| | |
|--------------------------|-----|
| NEC/(UL) Specification: | CM |
| CEC/C(UL) Specification: | CM |
| CPR Euroclass: | Eca |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|-------------------------------|
| 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 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |

Suitability

Suitability - Indoor: Yes

Flammability, LS0H, Toxicity Testing

UL Voltage Rating: 300V RMS

Plenum/Non-Plenum

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

Part Number

Variants

| Item # | Color | Footnote |
|---------------|--------------|----------|
| 1512C B591000 | BLACK, MATTE | C |
| 1512C B59500 | BLACK, MATTE | C |

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

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