

Product: [1924A](#)
Audio Snake Cable, #24-24pr, BC, Indiv. Shielded

Product Description

Audio Snake Cable, 24-24 AWG bare copper pairs, polyolefin insulation, individually shielded with double serve "French Braid", drain, numbered/color-coded PVC jackets, flexible PVC jacket

Technical Specifications
Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | Nominal Diameter | No. of Pairs |
|-----|-----------|------------------|------------------|--------------|
| 24 | 41x40 | BC - Bare Copper | 0.0225 in | 24 |

| | |
|------------------------|----|
| Conductor Count: | 48 |
| Total Number of Pairs: | 24 |

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 | White |
| 10 | Black |
| 11 | Tan |
| 12 | Pink |
| 13 | Gray/Brown |
| 14 | Gray/Red |
| 15 | Gray/Orange |
| 16 | Gray/Yellow |
| 17 | Gray/Green |
| 18 | Gray/Blue |
| 19 | Gray/Purple |
| 20 | Gray/Gray |
| 21 | Gray/White |
| 22 | Gray/Black |
| 23 | Gray/Tan |
| 24 | Gray/Pink |

Color Chart 2

| Color |
|---------------|
| Red and Black |

Inner Shield Material

| Type | Material | Coverage [%] | Drainwire Material | Drainwire Diameter | Drainwire AWG | Drainwire Construction n x D |
|--------------|------------------|--------------|--------------------|--------------------|---------------|------------------------------|
| French Braid | Bare Copper (BC) | 95% | TC - Tinned Copper | 0.025 in | 24 | 19x26 |

Inner Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.119 in | 0.014 in |

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.825 in | 0.09 in |

Construction and Dimensions

Stranding

| Twists |
|-------------|
| 12 twist/ft |

Electrical Characteristics

Conductor DCR

| Individual Pair Nominal Shield DCR | Nominal Conductor DCR | Nominal Conductor DCR Conductor Resistance |
|------------------------------------|-----------------------|--|
| 7.2 Ohm/1000ft | 25.5 Ohm/1000ft | 25.5 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Other Conductor to Shield |
|---|---|
| 26.1 pF/ft | 47.5 pF/ft |

Inductance

| Nominal Inductance |
|--------------------|
| 0.18 μ H/ft |

Impedance

| Nominal Characteristic Impedance |
|----------------------------------|
| 60 Ohm |

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: | -20°C To +60°C |
|-----------------------|----------------|

Mechanical Characteristics

| | |
|-----------------------------|----------------|
| Bulk Cable Weight: | 397 lbs/1000ft |
| Max. Pull Tension: | 700 lbs |
| Min Bend Radius/Minor Axis: | 8.25 in |

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 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: | No |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01 |
| MII Order #39 (China RoHS): | Yes |

Suitability

| | |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

Flammability, LS0H, Toxicity Testing

| | |
|--------------------|-----------|
| UL voltage rating: | 300 V RMS |
|--------------------|-----------|

Plenum/Non-Plenum

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

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC |
|--------------|--------------|------------|--------|--------------|
| 192A B59TEST | Black, Matte | | | |
| 1924A B59500 | Black, Matte | Reel | 500 ft | 612825126898 |

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

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.264 Revision Date: 08-25-2020 |
|----------------------|--|

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