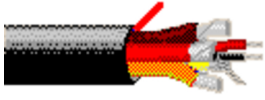




Product: [1427B](#)

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



Product Description

Audio Snake Cable, 24-22 AWG tinned copper pairs, Datalene® insulation, individually shielded with Beldfoil® bonded to numbered/color-coded PVC jackets so both strip simultaneously, 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 |
|------------------------|--|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | Nominal Diameter | No. of Pairs |
|-----|-----------|--------------------|------------------|--------------|
| 22 | 7x30 | TC - Tinned Copper | 0.03 in | 24 |

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

Insulation

| Material | Material Trade Name | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|---------------------|------------------|------------------------|
| PE - Polyethylene (Foam) | Datalene® | 0.06 in | 0.015 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

| 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 | 0.030 in | 22 | 7x30 |

Inner Jacket

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.153 in | 0.015 in |

Outer Jacket

| Material | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 1.088 in | 0.09 in | Yes |

Construction and Dimensions

Stranding

| Twists |
|---------------|
| 6.85 twist/ft |

Electrical Characteristics

Conductor DCR

| Individual Pair Nominal Shield DCR | Nominal Conductor DCR | Nominal Conductor DCR Conductor Resistance |
|------------------------------------|-----------------------|--|
| 10.6 Ohm/1000ft | 15 Ohm/1000ft | 15 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Other Conductor to Shield |
|---|---|
| 19 pF/ft | 35 pF/ft |

Inductance

| Nominal Inductance |
|--------------------|
| 0.2 µH/ft |

Delay

| Nominal Velocity of Propagation (VP) [%] |
|--|
| 78% |

Current

| Max. Recommended Current [A] |
|---------------------------------|
| 1.45 Amps per Conductor at 20°C |

Voltage

| Non-UL Voltage Rating |
|-----------------------|
| 300 V RMS |

Temperature Range

| | |
|------------------------------|----------------|
| Non-UL Temp Rating: | 60°C |
| Operating Temperature Range: | -20°C To +60°C |

Mechanical Characteristics

| | |
|------------------------------|----------------|
| Bulk Cable Weight: | 531 lbs/1000ft |
| Max. Pull Tension: | 655 lbs |
| Min. Bend Radius/Minor Axis: | 10.88 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 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 |
|-----------------------|-----|

Plenum/Non-Plenum

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

Related Part Numbers

Variants

| Item # | Color | Put-Up Type | Length | UPC |
|---------------|--------------|-------------|----------|--------------|
| 1427B B591000 | Black, Matte | Reel | 1,000 ft | 612825115175 |

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

Product Notes

| | |
|--------|---|
| Notes: | Datalene® insulation features include a low dielectric constant and a low dissipation factor for high-speed, low distortion data handling. Physical properties include good crush resistance and light weight. Pair jackets and shields are bonded so both strip simultaneously with automatic stripping equipment. |
|--------|---|

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.345 Revision Date: 01-10-2024 |
|----------------------|--|

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