
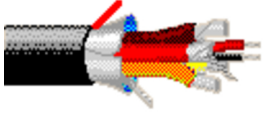


Product: [1414R](#) 



Audio Snake Cable, #24-24pr, TC, Indiv. Shielded, CMR

Product Description

Audio Snake Cable, 24-24 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, PVC jacket

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | Nominal Diameter | No. of Pairs |
|-----|-----------|--------------------|------------------|--------------|
| 24 | 7x32 | TC - Tinned Copper | 0.024 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 and Numbered 1 |
| 2 | Red and Numbered 2 |
| 3 | Orange and Numbered 3 |
| 4 | Yellow and Numbered 4 |
| 5 | Green and Numbered 5 |
| 6 | Blue and Numbered 6 |
| 7 | Purple and Numbered 7 |
| 8 | Gray and Numbered 8 |
| 9 | White and Numbered 9 |
| 10 | Black and Numbered 10 |
| 11 | Tan and Numbered 11 |
| 12 | Pink and Numbered 12 |
| 13 | Gray/Brown Stripe and Numbered 13 |
| 14 | Gray/Red Stripe and Numbered 14 |
| 15 | Gray/Orange Stripe and Numbered 15 |
| 16 | Gray/Yellow Stripe and Numbered 16 |
| 17 | Gray/Green Stripe and Numbered 17 |
| 18 | Gray/Blue Stripe and Numbered 18 |
| 19 | Gray/Purple Stripe and Numbered 19 |
| 20 | Gray/Gray Stripe and Numbered 20 |
| 21 | Gray/White Stripe and Numbered 21 |
| 22 | Gray/Black Stripe and Numbered 22 |
| 23 | Gray/Tan Stripe and Numbered 23 |
| 24 | Gray/Pink Stripe and Numbered 24 |
| 1 | Red |
| 2 | Black |

Inner Shield Material

| Type | Material | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire Diameter | Drainwire AWG | Drainwire Construction n x D |
|------|-------------|---------------------|--------------|--------------------|--------------------|---------------|------------------------------|
| Tape | 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 | Alum / Poly | Beldfoil® | 100% | TC - Tinned Copper | 0.036 in | 18 | 7x26 |

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.801 in | 0.065 in | Yes |

Electrical Characteristics

Conductor DCR

| Individual Pair Nominal Shield DCR | Nominal Conductor DCR | Nominal Conductor DCR | Conductor Resistance | Nominal Outer Shield DCR |
|------------------------------------|-----------------------|-----------------------|----------------------|--------------------------|
| 15.9 Ohm/1000ft | 23.3 Ohm/1000ft | 23.3 Ohm/1000ft | | 6 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 |

Impedance

| Nominal Characteristic Impedance |
|----------------------------------|
| 50 Ohm |

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: | -30°C To +75°C |
|-----------------------|----------------|

Mechanical Characteristics

| | |
|-----------------------------|----------------|
| Bulk Cable Weight: | 332 lbs/1000ft |
| Max. Pull Tension: | 418 lbs |
| Min Bend Radius/Minor Axis: | 8 in |

Standards

| | |
|-----------------------|-----|
| NEC/(UL) Compliance: | CMR |
| CEC/C(UL) Compliance: | CMG |
| CPR Euroclass: | Eca |

Applicable Environmental and Other Programs

| | |
|--------------------------------|----------------|
| Environmental Space: | Indoor - Riser |
| 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 |
| MII Order #39 (China RoHS): | Yes |

Suitability

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

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|---------------|
| UL Flammability: | UL1666 Riser |
| CSA Flammability: | FT4 |
| IEC Flammability: | IEC 60332-1-2 |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

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

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC |
|---------------|-------|------------|----------|--------------|
| 1414R 010500 | Black | Reel | 500 ft | 612825114901 |
| 1414R 0101000 | Black | Reel | 1,000 ft | 612825114895 |

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

Product Notes

| | |
|--------|---|
| Notes: | Pair jackets and shields bonded so both strip simultaneously. Beldfoil® provides high reliability with ease of termination. |
|--------|---|

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.269 Revision Date: 06-08-2020 |
|----------------------|--|

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