
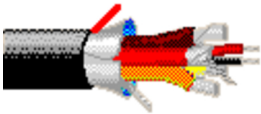


Product: [1414R](#) 



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 Numbered7               |
| 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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