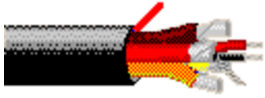


**Product:** [1217B](#) 



Audio Snake Cable, #22-4pr, TC, Individ. Shielded

## Product Description

Audio Snake Cable, 4-22 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

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material           | Nominal Diameter | No. of Pairs |
|-----|-----------|--------------------|------------------|--------------|
| 22  | 7x30      | TC - Tinned Copper | 0.03 in          | 4            |

|                        |   |
|------------------------|---|
| Conductor Count:       | 8 |
| Total Number of Pairs: | 4 |

#### 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 |

#### 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 | 0.03 mm            | 22            | 7x30                         |

#### Inner Jacket Material

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

#### Outer Jacket Material

| Material                 | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.458 in         | 0.040 in               | Yes     |

### 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] |
|------------------------------|
| 2 Amps per Conductor at 20°C |

Voltage

| Non-UL Voltage Rating | Voltage Rating [V] |
|-----------------------|--------------------|
| 150 V RMS             | 300 V RMS          |
| 300 V RMS             |                    |

Temperature Range

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

Mechanical Characteristics

|                             |               |
|-----------------------------|---------------|
| Bulk Cable Weight:          | 99 lbs/1000ft |
| Max. Pull Tension:          | 109 lbs       |
| Min Bend Radius/Minor Axis: | 4.58 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:                           | Yes                           |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01                    |
| MII Order #39 (China RoHS):           | Yes                           |

Suitability

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

Plenum/Non-Plenum

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

Part Number

Variants

| Item #        | Color        | Putup Type | Length   | UPC          |
|---------------|--------------|------------|----------|--------------|
| 1217B B59500  | Black, Matte | Reel       | 500 ft   | 612825108948 |
| 1217B B591000 | Black, Matte | Reel       | 1,000 ft | 612825108931 |

|           |                        |
|-----------|------------------------|
| 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: 0.274 Revision Date: 06-08-2020 |
|----------------------|--------------------------------------------------|

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