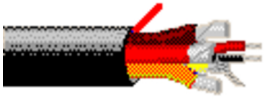


Part Number: 1220B

Audio Snake Cable, #22-12pr, TC, Indiv. Shielded



Product Description

Audio Snake Cable, 12-22 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

| | |
|----------------------|------------------------------|
| Environmental Space: | Indoor (Not Riser or Plenum) |
|----------------------|------------------------------|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | Nominal Diameter | No. of Pairs |
|-----|-----------|--------------------|------------------|--------------|
| 22 | 7x30 | TC - Tinned Copper | 0.03 in | 12 |

| | |
|------------------------|--------|
| Conductor Count: | 24 |
| Total Number of Pairs: | 12 |
| Conductor Size: | 22 AWG |

Insulation

| Material | Material Trade Name | Nominal Diameter | Nominal Wall Thickness |
|--|---------------------|------------------|------------------------|
| FHDPE - Foamed High Density Polyethylene | Datalene® | 0.06 in | 0.015 in |

Color Chart

| Number | Color |
|--------|--------|
| 1 | Brown |
| 2 | Red |
| 3 | Yellow |
| 4 | Orange |
| 5 | Green |
| 6 | Blue |
| 7 | Purple |
| 8 | Gray |
| 9 | White |
| 10 | Black |
| 11 | Tan |
| 12 | Pink |

Inner Shield Material

| Type | Material | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire Diameter | Drainwire AWG | Drainwire Construction n x D |
|------|------------------------------|---------------------|--------------|--------------------|--------------------|--------------------|------------------------------|
| Tape | Aluminum Foil-Polyester Tape | Beldfoil® | 100 % | TC - Tinned Copper | 0.030 in | 22 | 7x30 |
| | | | | | | TC - Tinned Copper | |

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 | 0.76 in | 0.074 in | Yes |
| | 0.76 in | | |

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 |

| | |
|------------|----------------------------------|
| Shielding: | Individually Foiled + No Overall |
|------------|----------------------------------|

Inductance

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

Delay

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

Current

| Max. Recommended Current [A] |
|-------------------------------|
| 1.5 Amps per conductor @ 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: | 271 lbs/1000ft |
| Max Recommended Pulling Tension: | 328 lbs |
| Min Bend Radius/Minor Axis: | 7.75 in |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|-------------------------------|
| 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 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |

Suitability

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

Plenum/Non-Plenum

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

Part Number

Variants

| Item # | Color | Footnote |
|--------|-------|----------|
|--------|-------|----------|

| | | |
|---------------|--------------|---|
| 1220B B591000 | Black, Matte | C |
| 1220B B59500 | Black, Matte | C |

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

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