
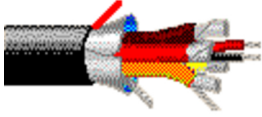


Product: [1823R](#) 



Audio Snake Cable, 32 Pr #22 Str TC, Ind. Shielded & Jacketed, O/A Foil, PVC Jkt, CMR

Product Description

Audio Snake Cable, 32 Pair 22 AWG (7 x 30) Tinned Copper, PP Insulation, Individually Foil Shielded and PVC Jacketed, Overall Beldfoil® Shield, PVC Jacket, Ripcord, CMR

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 |
|------------------------|--|

Construction Details

Conductor

| Element | Number of Element | AWG | Stranding | Material |
|---------|-------------------|-----|-----------|--------------------|
| Pair(s) | 32 | 22 | 7x30 | TC - Tinned Copper |

Insulation

| Element | Material | Thickness | Nom. Insulation Diameter | Color Code |
|---------|--------------------|-----------|--------------------------|------------|
| Pair(s) | PP - Polypropylene | 0.010 in | 0.05 | Black, Red |

Inner Shield Material

| Element | Shield Type | Material | Coverage | Drainwire Type | Notes |
|---------|-------------|-------------------------|----------|------------------|---|
| Pair(s) | Tape | Bi-Laminate (Alum+Poly) | 100% | 22 AWG (7x30) TC | Individual pair tapes are adhered to their inner jackets for easy stripping |

Outer Shield Material

| Shield Type | Material | Coverage | Drainwire Type |
|-------------|-------------------------|----------|-------------------|
| Tape | Bi-Laminate (Alum+Poly) | 100% | 18 AWG (19x30) TC |

Inner Jacket Material

| Element | Material | Nom. Diameter |
|---------|--------------------------|---------------|
| Pair(s) | PVC - Polyvinyl Chloride | 0.133 in |

Outer Jacket Material

| Material | Thickness | Nom. Diameter | Ripcord |
|--------------------------|-----------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.089 in | 1.072 in | Yes |

| | |
|---------------------------|----------|
| Cable Diameter (Nominal): | 1.072 in |
|---------------------------|----------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Characteristic Impedance | Nom. Velocity of Prop. | Max. Current |
|-----------------------|--------------------|-------------------------------|---|--------------------------|------------------------|--------------------------------|
| Pair(s) | 14.8 Ohm/1000ft | 31 pF/ft | 56 pF/ft | 50 Ohm | 66% | 1.45 Amps per conductor @ 25°C |
| Nom Outer Shield DCR: | | 11.8 Ohm/1000ft | | | | |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V (CMR) |

Mechanical Characteristics

Temperature

| UL Rating | Operating |
|-----------|----------------|
| 60°C | -20°C to +60°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 10 in | 10.7 in |

| | |
|--------------------|----------------|
| Max. Pull Tension: | 898.3 lbs |
| Bulk Cable Weight: | 625 lbs/1000ft |

Standards and Compliance

| | |
|---------------------------------|---|
| Environmental Suitability: | Indoor - Riser, Indoor |
| Flammability / Fire Resistance: | UL1666 Riser, IEC 60332-1-2 |
| NEC / UL Compliance: | Article 800, CMR |
| CEC / C(UL) Compliance: | CMR |
| CPR Euroclass: | Eca |
| European Directive Compliance: | EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

History

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| Update and Revision: | Revision Number: 0.315 Revision Date: 02-16-2021 |
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