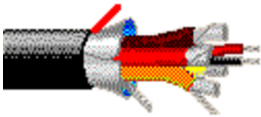


Product: [1823R](#) 



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 (0.25 mm) | 0.05 in (1.3 mm)         | Black, Red |

Inner Shield

| 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

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

Inner Jacket

| Element | Material                 | Nom. Diameter      |
|---------|--------------------------|--------------------|
| Pair(s) | PVC - Polyvinyl Chloride | 0.133 in (3.38 mm) |

Outer Jacket

| Material                 | Thickness         | Nom. Diameter | Ripcord |
|--------------------------|-------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.089 in (2.3 mm) | 1.072 in      | Yes     |

|                           |                     |
|---------------------------|---------------------|
| Cable Diameter (Nominal): | 1.072 in (27.23 mm) |
|---------------------------|---------------------|

Electrical Characteristics

Electricals

| Element                | Nom. Conductor DCR            | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedence | Nom. Velocity of Prop. | Max. Current                   |
|------------------------|-------------------------------|-------------------------------|-------------------------------------------------|-------------------------------|------------------------|--------------------------------|
| Pair(s)                | 14.8 Ohm/1000ft (48.6 Ohm/km) | 31 pF/ft (100 pF/m)           | 56 pF/ft (180 pF/m)                             | 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. |
|------------------|-------------------|
| 10.7 in (272 mm) | 10.7 in (272 mm)  |

|                    |                            |
|--------------------|----------------------------|
| Max. Pull Tension: | 898.3 lbs (407.5 kg)       |
| Bulk Cable Weight: | 625 lbs/1000ft (930 kg/km) |

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 (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance:                | China RoHS II (GB/T 26572-2011)                                                                                           |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.322 Revision Date: 07-02-2021 |
|----------------------|--------------------------------------------------|

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