



Product: [1818WB](#)

Audio Snake Cable, 12 Pr #22 Str TC, Ind. Shielded & Jacketed, O/A Foil, PE Jkt, Waterblocked

Product Description

Audio Snake Cable, 12 Pair 22 AWG (7 x 30) Tinned Copper, PP Insulation, Individually Foil Shielded and PVC Jacketed, Overall Beldfoil® Shield, Waterblocking Tape, PE Outer Jacket

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; Below-grade, wet-locations |
|------------------------|--|

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|---------|-------------------|--------|-----------|--------------------|
| Pair(s) | 12 | 22 AWG | 7x30 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code | Notes |
|---------|--------------------|--------------------|--------------------------|---|---|
| Pair(s) | PP - Polypropylene | 0.010 in (0.25 mm) | 0.05 in (1.3 mm) | Black & Red | |
| | | | | Yellow, Green, Blue, Purple, Grey, White, Black, Bisque, Pink, Brown, Red, Orange | The Colors represented in this rows are for Inner Jacket colors |

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 |

| | |
|----------------|-----------------|
| Waterblocking: | Waterblock Tape |
|----------------|-----------------|

Inner Jacket

| Element | Material | Nom. Thickness | Nom. Diameter |
|---------|--------------------------|--------------------|--------------------|
| Pair(s) | PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.133 in (3.38 mm) |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|-------------------|-------------------|--------------------|
| PE - Polyethylene | 0.040 in (1.0 mm) | 0.665 in (16.9 mm) |

| | |
|-----------------------------------|--------------------|
| Table Notes: | HDPE |
| Overall Cable Diameter (Nominal): | 0.665 in (16.9 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 | 31 pF/ft (100 pF/m) | 56 pF/ft (180 pF/m) | 50 Ohm | 66% | 1.45 Amps per conductor @ 25°C |
|---------|-----------------|---------------------|---------------------|--------|-----|--------------------------------|

Voltage

| Voltage Rating |
|----------------|
| 300 V |

Mechanical Characteristics

Temperature

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

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 6.7 in (170 mm) | 6.7 in (170 mm) |

| | |
|--------------------|------------------|
| Max. Pull Tension: | 365 lbs (166 kg) |
| Bulk Cable Weight: | 225 lbs/1000ft |

Standards and Compliance

| | |
|----------------------------------|---|
| Environmental Suitability: | Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance, Burial |
| Flammability / Reaction to Fire: | UL 1685 FT4 Loading |
| NEC / UL Compliance: | Article 800, CM |
| 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

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|----------------------|--|
| Update and Revision: | Revision Number: 0.493 Revision Date: 01-20-2023 |
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Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|----------------|-------|------------|----------|--------------|
| 1818WB 010500 | Black | Reel | 500 ft | 612825123705 |
| 1818WB 0101500 | Black | Reel | 500 ft | 612825427339 |
| 1818WB 0101000 | Black | Reel | 1,000 ft | 612825123699 |
| 1818WB 0101100 | Black | Reel | 1,100 ft | 612825427315 |
| 1818WB 0101150 | Black | Reel | 1,150 ft | 612825427322 |
| 1818WB 0102000 | Black | Reel | 2,000 ft | 612825427346 |
| 1818WB 0103000 | Black | Reel | 3,000 ft | 612825427353 |
| 1818WB 0103600 | Black | Reel | 3,600 ft | 612825427360 |
| 1818WB 0104000 | Black | Reel | 4,000 ft | 612825427377 |

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