



Product: [1817WB](#)

Audio Snake Cable, 8 Pr #22 Str TC, Ind. Shielded & Jacketed, O/A Foil, PE Jkt, Waterblocked

Product Description

Audio Snake Cable, 8 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 | No. of Elements | Size | Stranding | Material |
|---------|-----------------|--------|-----------|--------------------|
| Pair(s) | 8 | 22 AWG | 7x30 | TC - Tinned Copper |

Insulation

| Element | Material | Nom. 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 |

| | |
|----------------|-----------------|
| 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 | Ripcord |
|-------------------|--------------------|--------------------|---------|
| PE - Polyethylene | 0.030 in (0.76 mm) | 0.537 in (13.6 mm) | No |

| | |
|-----------------------------------|--------------------|
| Table Notes: | HDPE |
| Overall Cable Diameter (Nominal): | 0.537 in (13.6 mm) |

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Nom. Characteristic Impedance | 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 |

Voltage

| UL Voltage Rating | Voltage Rating |
|-------------------|----------------|
| 300 V RMS | 300 V |

Mechanical Characteristics

Temperature

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

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 5.4 in (140 mm) | 5.4 in (140 mm) |

| | |
|--------------------|----------------------------|
| Max. Pull Tension: | 243 lbs (110 kg) |
| Bulk Cable Weight: | 136 lbs/1000ft (202 kg/km) |

Standards and Compliance

| | |
|--------------------------------|---|
| Environmental Suitability: | Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance, Aerial, Burial |
| 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: 0.348 Revision Date: 02-03-2025 |
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Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|----------------|-------|------------|----------|--------------|
| 1817WB 010500 | Black | Reel | 500 ft | 612825123637 |
| 1817WB 0102500 | Black | Reel | 500 ft | 612825431220 |
| 1817WB 0101000 | Black | Reel | 1,000 ft | 612825123620 |

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