
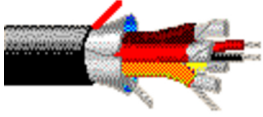


**Product:** [1816WB](#) 



Audio Snake Cable, 6 Pr #22 Str TC, Ind. Shielded & Jacketed, O/A Foil, PE Jkt, Waterblocked

## Product Description

Audio Snake Cable, 6 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
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### Construction Details

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	6	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

Waterblocking:	Waterblock Tape
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#### Inner Jacket Material

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

#### Outer Jacket Material

Material	Thickness	Nom. Diameter	Ripcord
PE - Polyethylene	0.030 in	0.486 in	No

Table Notes:	HDPE
Cable Diameter (Nominal):	0.486 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%	2.0 Amps per conductor @ 25°C
Nom Outer Shield DCR:	11.8 Ohm/1000ft					

## Mechanical Characteristics

### Temperature

Operating
-20°C to +75°C

### Bend Radius

Stationary Min.	Installation Min.
4.9 in	4.9 in

Max. Pull Tension:	131 lbs
Bulk Cable Weight:	109 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance, Burial
European Directive Compliance:	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

Update and Revision:	Revision Number: 0.334 Revision Date: 02-16-2021
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