



REPRESENTATIVE IMAGE

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
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Construction Details

Conductor

Element	No. of Elements	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
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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 Impedance	Nom. Velocity of Prop.	Max. Current
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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
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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

Update and Revision:	Revision Number: 0.496 Revision Date: 02-03-2025
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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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