



REPRESENTATIVE IMAGE

**Product:** [1817P](#)

Audio Snake Cable, 8 Pr #22 Str TC, Ind. Shielded & Jacketed, PVDF Jkt, CMP

## Product Description

Audio Snake Cable, 8 pair 22 AWG (7 x 30) Tinned Copper, FEP insulation, Individually Foil Shielded and PVDF jacketed, Overall PVDF Jacket, Ripcord, CMP

## 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
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### 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)	FEP - Fluorinated Ethylene Propylene	0.010 in (0.25 mm)	0.05 in (1.3 mm)	Black, Red

#### Inner Shield

Element	Shield Type	Material	Coverage	Drainwire Type
Pair(s)	Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

#### Inner Jacket

Element	Material	Nom. Thickness	Nom. Diameter
Pair(s)	PVDF - Polyvinylidene Fluoride	0.009 in (0.23 mm)	0.119 in (3.02 mm)

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVDF - Polyvinylidene Fluoride	0.015 in (0.38 mm)	0.424 in (10.8 mm)	Yes

Overall Cable Diameter (Nominal):	0.424 in (10.8 mm)
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### 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

<b>UL Voltage Rating</b>
300 V (CMP)

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating
150°C	-40°C to +150°C

## Bend Radius

Stationary Min.	Installation Min.
4.2 in (110 mm)	4.2 in (110 mm)

Max. Pull Tension:	243 lbs (110 kg)
Bulk Cable Weight:	98 lbs/1000ft (150 kg/km)

## Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum)
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	1817R

## History

Update and Revision:	Revision Number: 0.340 Revision Date: 12-22-2023
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1817P 010500	Black	Reel	500 ft	612825123590	C
1817P 0101000	Black	Reel	1,000 ft	612825123583	C

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