



Product: [1816P](#)

Audio Snake Cable, 6 Pr #22 Str TC, Ind. Shielded & Jacketed, PVDF Jkt, CMP

Product Description

Audio Snake Cable, 6 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	Number of Element	Size	Stranding	Material
Pair(s)	6	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)	0.049 in (1.2 mm)	Black & Red

Inner Shield

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

Inner Jacket

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVDF - Polyvinylidene Fluoride	0.015 in (0.38 mm)	0.387 in (9.83 mm)	Yes

Overall Cable Diameter (Nominal):	0.387 in (9.83 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 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

UL Voltage Rating
300 V (CMP)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
3.9 in (99 mm)	3.9 in (99 mm)

Max. Pull Tension:	188 lbs (85.3 kg)
Bulk Cable Weight:	76 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum), FT6
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, 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:	1816R

History

Update and Revision:	Revision Number: 0.520 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
1816P 010500	Black	Reel	500 ft	612825123538
1816P 0101000	Black	Reel	1,000 ft	612825123521
1816P 0105000	Black	Reel	5,000 ft	612825353201

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