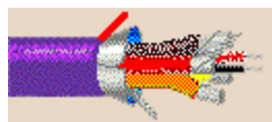


Product: [1806F](#) 



Audio Snake Cable, #24-12pr, TC, Individ. Shielded, CMG

Product Description

Digital Audio Snake Cable, CMG-Rated, 12-24 AWG tinned copper pairs, Datalene® insulation, individually shielded with Beldfoil, numbered/color-coded PVC jackets, flexible PVC 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
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Construction Details

Conductor

Size	Stranding	Material
24	7x32	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code	Notes
PE - Polyethylene (Foam)	0.022 in (0.56 mm)	0.068 in (1.7 mm)	Brown and Numbered 1, Red and Numbered 2, Orange and Numbered 3, Yellow and Numbered 4, Green and Numbered 5, Blue and Numbered 6, Purple and Numbered 7, Gray and Numbered 8, White and Numbered 9, Black and Numbered 10, Tan and Numbered 11, Pink and Numbered 12	HDPE

Inner Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%

Inner Shield Table Notes:	Indiv. Foil tapes bonded to inner jacket
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Outer Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%

Inner Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.014 in (0.36 mm)	0.167 in (4.24 mm)

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.069 in (1.8 mm)	0.829 in	Yes

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Inductance	Nom. Velocity of Prop.
23.7 Ohm/1000ft (77.8 Ohm/km)	12 pF/ft (39 pF/m)	26 pF/ft (85 pF/m)	110 Ohm	0.18 µH/ft (0.59 µH/m)	76%

High Frequency (Nominal/Typical)

Frequency	Nom. Insertion Loss (Attenuation) [dB/100ft]
0.384 MHz	0.29

0.706 MHz	0.71
0.768 MHz	0.77
1.024 MHz	0.94
1.411 MHz	1.1
1.536 MHz	1.1
2.048 MHz	1.3
2.822 MHz	1.4
3.072 MHz	1.4
4.096 MHz	1.5
5.645 MHz	1.7
6.144 MHz	1.8
8.192 MHz	2
11.29 MHz	2.2
12.288 MHz	2.3
24.576 MHz	3.1

Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-30°C To +60°C

Max. Pull Tension:	200 lbs (91 kg)
Bulk Cable Weight:	288 lbs/1000ft (429 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, 1202
NEC / UL Compliance:	CMG
CEC / C(UL) Compliance:	CMG
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)
Other Standard Compliance(s):	AES/EBU

Product Notes

Notes:	Pair jackets and shields are bonded so both strip simultaneously with automatic stripping equipment. Datalene® insulation features include low dielectric constant and a dissipation factor for high-speed, low-distortion data handling. Physical properties include good crush resistance and light weight.
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History

Update and Revision:	Revision Number: 0.439 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1806F Z4B2500	Violet	Reel	2,500 ft	612825438199	
1806F Z4B500	Violet Z4B	Reel	500 ft	612825123200	C
1806F Z4B1000	Violet Z4B	Reel	1,000 ft	612825123194	C

Footnote:	C - CRATE REEL PUT-UP.
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Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.