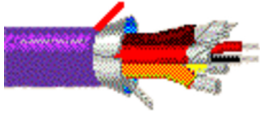




Product: [1806F](#)

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
------------------------	--

#### 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%

Table Notes:	Indiv. Foil tapes bonded to inner jacket
--------------	--

##### 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 Impedance	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	76%

##### 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.
--------	---

### History

Update and Revision:	Revision Number: 0.435 Revision Date: 01-20-2023
----------------------	--

### Part Numbers

#### Variants

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

© 2023 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product 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.