



**Product:** [1803F](#)

Audio Snake Cable, #24-4pr, TC, Individ. Shielded, CMG

### Product Description

Digital Audio Snake Cable, CMG-Rated, 4-24 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. Insulation Diameter	Color Code	Notes
PE - Polyethylene (Foam)	0.068 in (1.7 mm)	Red & Black	HDPE

##### Inner Shield

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

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. Diameter
PVC - Polyvinyl Chloride	0.167 in (4.24 mm)

##### Outer Jacket

Material	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.488 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.	Max. Current
23.7 Ohm/1000ft (77.8 Ohm/km)	12 pF/ft (39 pF/m)	26 pF/ft (85 pF/m)	110 Ohm	76%	2.75 Amps per Conductor at 25°C

##### Voltage

UL Voltage Rating
300 V RMS

## Mechanical Characteristics

### Temperature

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

Max. Pull Tension:	82.5 lbs (37.4 kg)
Bulk Cable Weight:	100 lbs/1000ft (150 kg/km)

## Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, 1202, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
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)
UK Regulation Compliance:	UKCA Mark
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: 0.493 Revision Date: 01-20-2023
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
1803F B591000	Black, Matte	Reel	1,000 ft	612825123101
1803F Z4B5000	Violet	Reel	5,000 ft	612825431213
1803F Z4B500	Violet Z4B	Reel	500 ft	612825123125
1803F Z4B1000	Violet Z4B	Reel	1,000 ft	612825123118

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