



Product: [1802B](#) 

Audio Cable, 2 Pair 24 AWG, TC, CMR

Product Description

Digital Audio Cable, 2 pair 24 AWG stranded tinned copper with Datalene® insulation, Beldfoil® shield, drain, CMR PVC jacket, parallel construction.

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	No. of Pairs
24	7x32	TC - Tinned Copper	2

Insulation

Material	Nom. Insulation Diameter	Color Code	Notes
PE - Polyethylene (Foam)	0.68 in (17 mm)	Red & Black	HDPE

Inner Shield

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

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

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	.180 x .360 in

Electrical Characteristics

Electricals

Nom. Characteristic Impedance
110 Ohm

Delay

Nom. Velocity of Prop.
76%

High Frequency

Frequency [MHz]
0.384
0.7056
0.768
1.024

1.4112
1.536
2.048
2.8224
3.072
4.096
5.6448
6.144
8.192
11.2896
12.288
24.576

Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

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

Max. Pull Tension:	33 lbs (15 kg)
Bulk Cable Weight:	33 lbs/1000ft (49 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	CMR
CEC / C(UL) Compliance:	CMR
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
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	AES/EBU

Product Notes

Notes:	For cross-connect use with 1803F (et al.) Digital Audio Snake Cables. The jacket and shield are bonded so both can be removed on automatic stripping equipment.
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History

Update and Revision:	Revision Number: 0.481 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1802B 010N1000	Black	Reel w/Small Barrel	1,000 ft	612825123071	
1802B Z4B5000	Violet	Reel	5,000 ft	612825430018	
1802B Z4B500	Violet Z4B	Reel	500 ft	612825123064	C
1802B Z4B1000	Violet Z4B	Reel	1,000 ft	612825123057	C
1802B Z4BU1000	Violet Z4B	UnReel	1,000 ft	612825123040	
1802B Z4BN1000	Vio Z4B	Reel w/Small Barrel	1,000 ft	612825123033	

Footnote:	C - CRATE REEL PUT-UP.
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