



**Product:** [1800B](#)

Digital Audio Cable, 1 Pr #24 Str TC, O/A Foil, PVC Jkt, CMR

## Product Description

Digital Audio Cable, 1 Pair 24 AWG (7 x 32) Tinned Copper, Datalene® Insulation, Overall Beldfoil® Shield, PVC Jacket, CMR

## Technical Specifications

### Product Overview

Suitable Applications:	Digital audio, Interconnect between audio equipment such as microphones, speakers, amplifiers, mixing consoles
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### Construction Details

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	24	7x32	TC - Tinned Copper

#### Insulation

Element	Material	Thickness [in.]	Color Code	Notes
Pair(s)	PE - Polyethylene (Foam)	0.022	Red & Black	HDPE

#### Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type
Tape	Alum / Poly	100%	24 AWG (7x32) TC

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.023 in	0.185 in

Table Notes:	Jacket and shield are bonded so both can be removed with automatic stripping equipment.
Cable Diameter (Nominal):	0.185 in

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedance	Nom. Velocity of Prop.	Max. Current
Pair(s)	23.7 Ohm/1000ft	12 pF/ft	26 pF/ft	110 Ohm	76%	2.75 Amps per conductor @ 25°C

#### Voltage

UL Voltage Rating
300 V (CMR)

### Mechanical Characteristics

#### Temperature

UL Rating	Operating
60°C	-30°C to +60°C

#### Bend Radius

Stationary Min.

2 in

Max. Pull Tension:	16.5 lbs
Bulk Cable Weight:	16 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Fire Resistance:	IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMR
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	AES/EBU
Plenum Number:	1801B

## Product Notes

Notes:	For cross-connect use with 1803F (et al.) Digital Audio Snake Cables.
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## History

Update and Revision:	Revision Number: 0.332 Revision Date: 07-28-2020
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