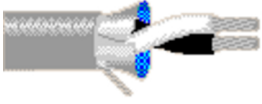


**Product:** [9180](#) 

Audio Cable, #26-1pr, TC, O/A Foil, CM



### Product Description

110 Ohm, 26 AWG stranded (7x34) .018" TC conductors, Datalene® insulation, twisted pair, Beldfoil® shield (100% coverage), 26 AWG stranded TC drain wire, PVC jacket.

### Technical Specifications

#### Product Overview

Environmental Space:	Indoor - Riser
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#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
26	7x34	TC - Tinned Copper	0.019 in	1

Conductor Count:	2
Total Number of Pairs:	1

##### Insulation

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness
FHDPE - Foamed High Density Polyethylene	Datalene®	0.049 in	0.015 in

##### Color Chart

Number	Color
1	Black & White

##### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	0.019 in	26	7x34

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.144 in	0.022 in

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Outer Shield DCR
37.3 Ohm/1000ft	37.3 Ohm/1000ft		23.1 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
13 pF/ft	26 pF/ft

##### Inductance

Nominal Inductance
0.23 µH/ft

## Impedance

### Nominal Characteristic Impedance

110 Ohm

## High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
0.38 MHz	0.84 dB/100ft
0.77 MHz	1.18 dB/100ft
1 MHz	1.34 dB/100ft
1.5 MHz	1.54 dB/100ft
2 MHz	1.69 dB/100ft
3.1 MHz	1.92 dB/100ft
4.1 MHz	2.14 dB/100ft
5.6 MHz	2.4 dB/100ft
8.2 MHz	2.75 dB/100ft
11.3 MHz	3.09 dB/100ft
12.3 MHz	3.18 dB/100ft
24.6 MHz	4.2 dB/100ft

## Delay

### Nominal Delay

1.34 ns/ft

### Nominal Velocity of Propagation (VP) [%]

76 %

## High Freq

### Frequency [MHz]

0.38 MHz

0.77 MHz

1 MHz

1.5 MHz

2 MHz

3.1 MHz

4.1 MHz

5.6 MHz

8.2 MHz

11.3 MHz

12.3 MHz

24.6 MHz

## Current

### Max. Recommended Current [A]

1.9 Amps per conductor @ 25°C

## Voltage

### UL Voltage Rating

300 V RMS

## Temperature Range

Non-UL Temp Rating:	75°C
Operating Temp Range:	-40°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight:	10 lbs/1000ft
Max Recommended Pulling Tension:	10.5 lbs
Min Bend Radius/Minor Axis:	1.5 in

## Standards

NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG
CPR Euroclass:	Eca
Other Specification:	AES/EBU

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	UPC	Length	Footnote
9180 0601000	Chrome	612825225089	1,000 ft	C
9180 Z4B1000	Violet Z4B	612825407386	1,000 ft	

Footnote:	C - CRATE REEL PUT-UP.
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## Product Notes

Notes:	For cross-connect use with 7891A (et al.) Digital Audio Snake Cables.
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## History

Update and Revision:	Revision Number: 0.251 Revision Date: 08-22-2019
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