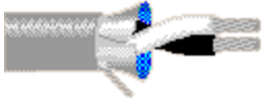


Product: [9180](#) 



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

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
PE - Polyethylene (Foam)	Datalene®	0.049 in	0.015 in

Color Chart

Number	Color
1	Black & White

Outer Shield

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	0.019 in	26	7x34

Outer Jacket

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	Nominal Velocity of Propagation (VP) [%]
1.34 ns/ft	76%

High Frequency

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 at 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. Pull Tension:	10.5 lbs
Min. Bend Radius/Minor Axis:	1.5 in

Standards

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

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Riser
EU Directive 2000/53/EC (ELV):	Yes

EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No
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
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	Put-Up Type	Length	UPC
9180 0601000	Chrome	Reel	1,000 ft	612825225089
9180 Z4B1000	Violet Z4B	Reel	1,000 ft	612825407386

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: 0.343 Revision Date: 12-15-2021
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