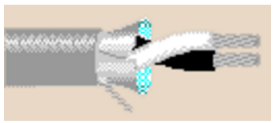
Product: 9180



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

Product Description

Audio Cable, 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

Suitable Applications:	Low Voltage analog Signals (4-20mA, 0-10V, ...); Low Voltage Digital Control (24V, …); Line Level audio; Computer Communication; Panel Wiring

Construction Details

Conductor

Size	Stranding	Material
26	7x34	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code	Notes
PE - Polyethylene (Foam)	0.015 in (0.38 mm)	0.049 in (1.2 mm)	Black & White	HDPE

Outer Shield

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.022 in (0.56 mm)	0.144 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Delay	Nom. Inductance	Nom. Velocity of Prop.	Max. Current
37.3 Ohm/1000ft (122 Ohm/km)	13 pF/ft (43 pF/m)	26 pF/ft (85 pF/m)	110 Ohm	1.34 ns/ft	0.23 µH/ft (0.75 µH/m)	76%	1.9 Amps per Conductor at 25ºC

Nom Outer Shield DCR@Cond DCR1-cnv:	23.1 Ohm/1000ft (75.8 Ohm/km)

High Frequency (Nominal/Typical)

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

12.3 MHz	3.18
24.6 MHz	4.2

Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-40°C To +75°C

Max. Pull Tension:	10.5 lbs (4.76 kg)
Bulk Cable Weight:	10 lbs/1000ft (15 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1685 FT4 Loading, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	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 7891A (et al.) Digital Audio Snake Cables.

History

Update and Revision:	Revision Number: 0.447 Revision Date: 09-07-2025

Part Numbers

Variants

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

Footnote:	C - CRATE REEL PUT-UP.

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