



Part Number: 7891A

Audio Snake Cable, #26-2pr, TC, Indiv. Shielded, CM

Product Description

Digital Audio Snake Cable, CM-Rated, 2-26 AWG tinned copper pairs, Datalene® insulation, individually shielded with Beldfoil® bonded to numbered/color-coded PVC jackets so both strip simultaneously, PVC jacket

Product Specifications

AG.Filter Attributes

Total Number of Conductors:	4
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CCB-Sub-Part Number

Print Legend:	...SHIELDED (UL) CMG C(UL)
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Technical Specifications

AG_0401

UL Flammability:	UL1685 UL Loading
CSA Flammability:	FT4

APAC Standard

MII Order #39 (China RoHS):	Yes
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Applicable Patents

Patent:	http://www.belden.com/p
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Bend Radius

Min Bend Radius/Minor Axis:	3.5 in
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CCB-Sub-Part Number

Plenum (Y/N):	No
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Contact Information

PHONE_NUM:	1-800-Belden1
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EU Directive

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01

North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CM
NEC/(UL) Specification:	CM

Unused Attributes

Notes:	Pair jackets and shields are bonded so both strip simultaneously with automatic stripping equipment. Datalene [®] insulation features include low dielectric constant and a dissipation factor for high-speed, low-distortion data handling. Physical properties include good crush resistance and light weight.
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Use

Max Recommended Pulling Tension:	24 lbs
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Impedance:

Nominal Characteristic Impedance

110 Ohm

Inductance:

Nominal Inductance

0.25 μ H/ft

Conductor DCR:

Individual Pair Nominal Shield DCR

Nominal Conductor DCR

25.5 Ohm/1000ft

37.3 Ohm/1000ft

Color Chart 1:

Number	Color
1	Red & Black
2	Red & Black

Color Chart 3:

Number	Color
1	Brown and Numbered 1
2	Red and Numbered 2

Delay:

Nominal Velocity of Propagation (VP) [%]
76 %

High Freq:

Frequency [MHz]
0.384 MHz
0.7056 MHz
0.768 MHz
1.024 MHz
1.4112 MHz
1.536 MHz
2.048 MHz
2.8224 MHz
3.072 MHz
4.096 MHz
5.6448 MHz
6.144 MHz
8.192 MHz
11.2896 MHz
12.288 MHz
24.576 MHz

Innershield:

Type	Material	Material Trade Name	Coverage [%]	Drainwire AWG	Drainwire Construction n x D	
Tape	Bonded Aluminum Foil-Polyester Tape			Beldfoil®	100 %	26 Stranded mm
	TC - Tinned Copper					

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
12.5 pF/ft	25 pF/ft

High Frequency (Nominal/Typical):

Nom. Insertion Loss
0.84 dB/100ft
1.14 dB/100ft
1.18 dB/100ft
1.34 dB/100ft
1.5 dB/100ft
1.54 dB/100ft
1.69 dB/100ft
1.86 dB/100ft
1.92 dB/100ft
2.14 dB/100ft
2.4 dB/100ft
2.47 dB/100ft
2.75 dB/100ft
3.09 dB/100ft
3.18 dB/100ft
4.2 dB/100ft

Innerjacket:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.136 in

Insulation:

Material	Material Trade Name	Nominal Diameter
FHDPE - Foam High Density Polyethylene	Datalene®	0.054 in

Outerjacket 1:

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.343 in	Yes

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
26	7x34	TC - Tinned Copper	0.019 in	2

Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	26	Stranded mm

Product Variants

Part Number	Color	Put-Up Type	Length
7891A	VIOLET Z4B	Reel	1000 ft
7891A	VIO Z4B	Reel	305 m
7891A Z4B1000	VIOLET Z4B	Reel	1000 ft
7891A	VIOLET Z4B	Reel	500 ft
7891A	VIO Z4B	Reel	152 m
7891A Z4B500	VIOLET Z4B	Reel	500 ft
7891A			

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