



**Part Number:** 7893A

Audio Snake Cable, #26-16pr, TC, Indiv. Shielded, CM

## Product Description

Digital Audio Snake Cable, CM-Rated, 16-26 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:	32
-----------------------------	----

### CCB-Sub-Part Number

Print Legend:	...SHIELDED (UL) CMG C(UL)
---------------	----------------------------

## Technical Specifications

### AG\_0401

UL Flammability:	UL1685 UL Loading
------------------	-------------------

### APAC Standard

MII Order #39 (China RoHS):	Yes
-----------------------------	-----

### Applicable Patents

Patent:	<a href="http://www.belden.com/p">http://www.belden.com/p</a>
---------	---

### Bend Radius

Min Bend Radius/Minor Axis:	7.75 in
-----------------------------	---------

### CCB-Sub-Part Number

Plenum (Y/N):	No
---------------	----

## Contact Information

PHONE_NUM:	1-800-Belden1
------------	---------------

## 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

## Safety

C(UL) Flammability:	FT4
---------------------	-----

## 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.
--------	---

## Use

Max Recommended Pulling Tension:	171 lbs
----------------------------------	---------

### Impedance:

#### Nominal Characteristic Impedance

110 Ohm
---------

### Inductance:

#### Nominal Inductance

0.25 $\mu$ 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	Brown and Numbered 1
2	Red and Numbered 2
3	Orange and Numbered 3
4	Yellow and Numbered 4
5	Green and Numbered 5
6	Blue and Numbered 6
7	Purple and Numbered 7
8	Gray and Numbered 8
9	White and Numbered 9
10	Black and Numbered 10
11	Tan and Numbered 11
12	Pink and Numbered 12
13	Gray/Brown Stripe and Numbered 13
14	Gray/Red Stripe and Numbered 14
15	Gray/Orange Stripe and Numbered 15
16	Gray/Yellow Stripe and Numbered 16

**Color Chart 2:**

Number	Number
1	Red & Black
2	Red & Black
3	Red & Black
4	Red & Black
5	Red & Black
6	Red & Black
7	Red & Black
8	Red & Black

9	Red & Black
10	Red & Black
11	Red & Black
12	Red & Black
13	Red & Black
14	Red & Black
15	Red & Black
16	Red & Black

**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	0.77 in	Yes

### Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
26	7x34	TC - Tinned Copper	0.019 in	16

### 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
7893A	VIOLET Z4B	Reel	1000 ft
7893A	VIO Z4B	Reel	305 m
7893A Z4B1000	VIOLET Z4B	Reel	1000 ft
7893A			

© 2017 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.