



**Part Number:** 7892A

Audio Snake Cable, #26-12pr, TC, Indiv. Shielded, CM

## Product Description

Digital Audio Snake Cable, CM-Rated, 12-26 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: | 24 |
|-----------------------------|----|

### 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 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: | 129 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      | 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 |

**Color Chart 3:**

| Number | Color               |
|--------|---------------------|
| 1      | Brown & Numbered 1  |
| 2      | Red & Numbered 2    |
| 3      | Orange & Numbered 3 |
| 4      | Yellow & Numbered 4 |
| 5      | Green & Numbered 5  |
| 6      | Blue & Numbered 6   |
| 7      | Purple & Numbered 7 |
| 8      | Gray & Numbered 8   |
| 9      | White & Numbered 9  |
| 10     | Black & Numbered 10 |
| 11     | Tan & Numbered 11   |
| 12     | Pink & Numbered 12  |

**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

**Stranding:****Lay Length**

1 in

**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

0.679 in

Yes

## Conductor:

| AWG | Stranding | Material           | Nominal Diameter | No. of Pairs |
|-----|-----------|--------------------|------------------|--------------|
| 26  | 7x34      | TC - Tinned Copper | 0.019 in         | 12           |

## Outersheild 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  |
|---------------|------------|-------------|---------|
| 7892A         | VIOLET Z4B | Reel        | 1000 ft |
| 7892A         | VIO Z4B    | Reel        | 305 m   |
| 7892A Z4B1000 | VIOLET Z4B | Reel        | 1000 ft |
| 7892A         |            |             |         |

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