



**Part Number:** 1916A

Audio Snake Cable, #24-16pr, TC, Indiv. Shielded, CM

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## Product Description

Audio Snake Cable, 16-24 AWG tinned copper pairs, polyolefin insulation, individually shielded with double serve "French Braid", drain, numbered/color-coded PVC jackets, flexible PVC jacket

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## Product Specifications

### AG.Filter Attributes

|                             |    |
|-----------------------------|----|
| Total Number of Conductors: | 32 |
|-----------------------------|----|

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## Technical Specifications

### 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: | 6.9 in |
|-----------------------------|--------|

### CCB-Sub-Part Number

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

### Contact Information

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

### EU Directive

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|                                       |                               |
|---------------------------------------|-------------------------------|
| EU Directive Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                           | No                            |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01                    |

### North American Standard

|                                   |     |
|-----------------------------------|-----|
| CA Prop 65 (CJ for Wire & Cable): | Yes |
|-----------------------------------|-----|

### Use

|                                  |         |
|----------------------------------|---------|
| Max Recommended Pulling Tension: | 470 lbs |
|----------------------------------|---------|

### Impedance:

| Nominal Characteristic Impedance |
|----------------------------------|
| 60 Ohm                           |

### Inductance:

| Nominal Inductance |
|--------------------|
| 0.18 µH/ft         |

### Conductor DCR:

| Individual Pair Nominal Shield DCR | Nominal Conductor DCR |
|------------------------------------|-----------------------|
| 7.2 Ohm/1000ft                     | 25.5 Ohm/1000ft       |

### Color Chart 1:

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

|    |                |
|----|----------------|
| 11 | Tan            |
| 12 | Pink           |
| 13 | Lt Gray/Brown  |
| 14 | Lt Gray/Red    |
| 15 | Lt Gray/Orange |
| 16 | Lt Gray/Yellow |

## Color Chart 2:

| Number | Number      |
|--------|-------------|
| 1      | Red & Black |

## Delay:

| Nominal Velocity of Propagation (VP) [%] |
|------------------------------------------|
| 66 %                                     |

## Voltage:

| UL Voltage Rating |
|-------------------|
| 300V RMS V        |

## Current:

| Max. Recommended Current [A]   |
|--------------------------------|
| 1.05 Amps per conductor @ 25°C |

## Innershield:

| Type         | Material           | Coverage [%] | Drainwire AWG | Drainwire Construction n x D |    |          |
|--------------|--------------------|--------------|---------------|------------------------------|----|----------|
| French Braid | BC - Bare Copper   |              |               | 95 %                         | 24 | 19x26 mm |
|              | TC - Tinned Copper |              |               |                              |    |          |

## Capacitance:

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Other Conductor to Shield |
|-----------------------------------------|---------------------------------------------------------|
| 26.1 pF/ft                              | 47.5 pF/ft                                              |

## Stranding:

| Lay Length | Twists      |
|------------|-------------|
| 1 in       | 12 twist/ft |

## Innerjacket:

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.119 in         | 0.014 in               |

#### Insulation:

| Material        | Nominal Diameter | Nominal Wall Thickness |
|-----------------|------------------|------------------------|
| PO - Polyolefin | 0.04 in          | 0.008 in               |

#### Outerjacket 1:

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.683 in         | 0.077 in               |

#### Conductor:

| AWG | Stranding | Material         | Nominal Diameter | No. of Pairs |
|-----|-----------|------------------|------------------|--------------|
| 24  | 41x40     | BC - Bare Copper | 0.0225 in        | 16           |

#### Outershield 1:

| Material   |
|------------|
| Unshielded |

## Product Variants

| Part Number   | Color        | Put-Up Type | Length  |
|---------------|--------------|-------------|---------|
| 1916A         | BLACK, MATTE | Reel        | 1000 ft |
| 1916A         | MATTE BLACK  | Reel        | 305 m   |
| 1916A B591000 | BLACK, MATTE | Reel        | 1000 ft |
| 1916A         | BLACK, MATTE | Reel        | 250 ft  |
| 1916A         | MATTE BLACK  | Reel        | 76 m    |
| 1916A B59250  | BLACK, MATTE | Reel        | 250 ft  |
| 1916A         | BLACK, MATTE | Reel        | 500 ft  |
| 1916A         | MATTE BLACK  | Reel        | 152 m   |
| 1916A B59500  | BLACK, MATTE | Reel        | 500 ft  |
| 1916A         |              |             |         |

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