

**Product:** [8782](#) 

Speaker Cable, 2 Conductor 24 AWG BC, Unshielded, CM



### Product Description

2 Conductor 24 AWG stranded (7x32) ETP high-conductivity copper conductors, PVC insulation, parallel: (1) Tinned, (1) Bare, CM rated.

### Technical Specifications

#### Product Overview

|                        |               |
|------------------------|---------------|
| Suitable Applications: | Speaker Cable |
|------------------------|---------------|

#### Physical Characteristics (Overall)

##### Conductor

| AWG | Stranding | Material                               | No. of Conductors |
|-----|-----------|----------------------------------------|-------------------|
| 24  | 7x32      | TC - Tinned Copper (High Conductivity) | 1                 |
| 24  |           | BC - Bare Copper                       | 1                 |

|                  |   |
|------------------|---|
| Conductor Count: | 2 |
|------------------|---|

##### Insulation

| Material                 | Nominal Wall Thickness |
|--------------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.017 in               |

##### Outer Shield Material

| Material  |
|-----------|
| No Shield |

##### Outer Jacket Material

| Material                 | Nominal Diameter |
|--------------------------|------------------|
| PVC - Polyvinyl Chloride | 0.058 x 0.116 in |

#### Electrical Characteristics

##### Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 23.3 Ohm/1000ft       |

##### Inductance

| Nominal Inductance |
|--------------------|
| 0.22 $\mu$ H/ft    |

##### Current

| Max. Recommended Current [A] |
|------------------------------|
| 2 Amps per Conductor at 25°C |

##### Voltage

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

#### Temperature Range

|                       |                |
|-----------------------|----------------|
| Non-UL Temp Rating:   | 75°C           |
| Operating Temp Range: | -20°C To +75°C |

## Mechanical Characteristics

|                             |              |
|-----------------------------|--------------|
| Bulk Cable Weight:          | 5 lbs/1000ft |
| Max. Pull Tension:          | 12 lbs       |
| Min Bend Radius/Minor Axis: | 1.25 in      |

## Standards

|                |     |
|----------------|-----|
| CPR Euroclass: | Eca |
|----------------|-----|

## Applicable Environmental and Other Programs

|                                       |                               |
|---------------------------------------|-------------------------------|
| Environmental Space:                  | Indoor (Not Riser or Plenum)  |
| EU Directive 2000/53/EC (ELV):        | Yes                           |
| EU Directive 2003/96/EC (BFR):        | Yes                           |
| EU Directive 2011/65/EU (ROHS II):    | Yes                           |
| EU Directive 2012/19/EU (WEEE):       | Yes                           |
| EU Directive 2015/863/EU:             | Yes                           |
| EU Directive Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                           | Yes                           |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01                    |
| MII Order #39 (China RoHS):           | Yes                           |

## Suitability

|                       |     |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

## Flammability, LSOH, Toxicity Testing

|                   |               |
|-------------------|---------------|
| IEC Flammability: | IEC 60332-1-2 |
|-------------------|---------------|

## Plenum/Non-Plenum

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

## Part Number

### Variants

| Item #        | Color              | Putup Type | Length   | UPC          |
|---------------|--------------------|------------|----------|--------------|
| 8782 001U1000 | Brown              | UnReel     | 1,000 ft | 612825216346 |
| 8782 060U1000 | Chrome             | UnReel     | 1,000 ft | 612825216360 |
| 8782 3681000  | Clear, Transparent | Reel       | 1,000 ft | 612825216384 |
| 8782 0091000  | White              | Reel       | 1,000 ft | 612825216353 |

## History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.260 Revision Date: 06-24-2020 |
|----------------------|--------------------------------------------------|

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