


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      | High Conductivity Tinned Copper | 1                 |
| 24  | 7x32      | 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] |
|------------------------------|
| 2.0 Amp per conductor @ 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 Recommended Pulling 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, LS0H, Toxicity Testing

|                       |               |
|-----------------------|---------------|
| ISO/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: 0.257 Revision Date: 04-28-2020 |
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