

Part Number: 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

| | |
|------------------------|------------------------------|
| Environmental Space: | Indoor (Not Riser or Plenum) |
| Suitable Applications: | Speaker Cable |

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|------------------|-----------|--------------------------------------|-------------------|
| 24 | 7x32 | High Conductivity TC - Tinned Copper | 1 |
| 24 | 7x32 | BC - Bare Copper | 1 |
| Conductor Count: | | 2 | |
| Conductor Size: | | 24 AWG | |

Insulation

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

Outer Shield Material

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

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 μ 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

| | |
|---------------------------------------|-------------------------------|
| 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 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |

Suitability

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

Plenum/Non-Plenum

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

Part Number

Variants

| Item # | Color |
|---------------|--------------------|
| 8782 001U1000 | Brown |
| 8782 060U1000 | Chrome |
| 8782 3681000 | Clear, Transparent |
| 8782 0091000 | White |

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