

**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
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#### Physical Characteristics (Overall)

##### Conductor

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

Conductor Count:	2
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##### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

##### Outer Shield

Material
No Shield

##### Outer Jacket

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
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## 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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	Put-Up 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: 0.336 Revision Date: 12-15-2021
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