

**Part Number: 1307A**

**Speaker Cable, 2 Conductor 16 AWG, BC, Unshielded, CM**



## Product Description

Speaker Cable, CL3 & CM-Rated, 2-16 AWG stranded high conductivity bare copper conductors with polyolefin insulation, PVC jacket with sequential footage marking every two feet

## Technical Specifications

### Product Overview

Environmental Space:	Indoor (Not Riser or Plenum)
Suitable Applications:	Speaker Cable, Direct Burial, Indoor/Outdoor Home Theater, In-Wall Speaker, Outdoor Speaker

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
16	65x34	High Conductivity BC - Bare Copper	0.058 in	2

Conductor Count:	2
Conductor Size:	16 AWG

#### Insulation

Material	Nominal Diameter
PO - Polyolefin	0.083 in

#### Color Chart

Number	Color
1	Black
2	Red

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.21 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
4 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	
19.9 pF/ft	
Shielding:	Unshielded

#### Inductance

Nominal Inductance
0.16 $\mu$ H/ft

## Delay

<b>Nominal Velocity of Propagation (VP) [%]</b>
66 %

## Current

<b>Max. Recommended Current [A]</b>
9 Amps per conductor @ 25°C

## Voltage

<b>UL Voltage Rating</b>
300V RMS

## Temperature Range

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

## Mechanical Characteristics

Bulk Cable Weight:	27 lbs/1000ft
Max Recommended Pulling Tension:	65 lbs
Min Bend Radius/Minor Axis:	2 in

## Standards

NEC/(UL) Specification:	CL3, CM
CEC/C(UL) Specification:	CM
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 RoHS Compliance Date (yyyy-mm-dd):	2005-07-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

## Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1581 Vertical Flame and FT-1 Flame Test
CSA Flammability:	FT1
UL Voltage Rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6200UE

## Part Number

### Variants

Item #	Color	Footnote
1307A 0101000	BLACK	C
1307A 010U500	BLACK	
1307A 006U500	BLUE, LIGHT	
1307A 0081000	GRAY	C
1307A 008U500	GRAY	
1307A N3UU500	GREEN, MIL	

1307A 1SL1000	WHITE 1SL	C
1307A 1SLU500	WHITE 1SL	

Footnote:	C - CRATE REEL PUT-UP.
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