

**Part Number: 1311A**

Speaker Cable, 2 Conductor 12 AWG, BC, Unshielded, CM



**Product Description**

Speaker Cable, CL3 & CM-Rated, 2-12 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
12	7x24x34	High Conductivity BC - Bare Copper	0.102 in	2

Conductor Count:	2
Conductor Size:	12 AWG

**Insulation**

Material	Nominal Diameter
PO - Polyolefin	0.14 in

**Color Chart**

Number	Color
1	Black
2	Red

**Outer Shield Material**

Material
Unshielded

**Outer Jacket Material**

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.352 in

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
1.6 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor
22.3 pF/ft

Shielding:	Unshielded
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**Inductance**

Nominal Inductance
0.15 $\mu$ H/ft

## Delay

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

## Current

<b>Max. Recommended Current [A]</b>
17 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:	67 lbs/1000ft
Max Recommended Pulling Tension:	152 lbs
Min Bend Radius/Minor Axis:	3.5 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, LSOH, 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:	6000UE

## Part Number

### Variants

Item #	Color	Footnote
1311A 0101000	BLACK	C
1311A 010500	BLACK	C
1311A 0081000	GRAY	C
1311A 008500	GRAY	C
1311A 1SL1000	WHITE 1SL	C
1311A 1SL500	WHITE 1SL	C

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