

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

Inductance

Nominal Inductance
0.15 μH/ft

Delay

Nominal Velocity of Propagation (VP) [%]
66 %

Current

Max. Recommended Current [A]
17 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
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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