

Part Number: 1312A



Speaker Cable, 4 Conductor 12 AWG, BC, Unshielded, CM

Product Description

Speaker Cable, CL3 & CM-Rated, 4-12 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	168x34	High Conductivity BC - Bare Copper	0.105 in	4

Conductor Count:	4
Conductor Size:	12 AWG

Insulation

Material	Nominal Diameter
PO - Polyolefin	0.14 in

Color Chart

Number	Color
1	Black
2	Red
3	White
4	Green

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.423 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 µH/ft

Delay**Nominal Velocity of Propagation (VP) [%]**

66 %

Current**Max. Recommended Current [A]**

18 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:	123 lbs/1000ft
Max Recommended Pulling Tension:	304 lbs
Min Bend Radius/Minor Axis:	4.25 in

Standards

NEC/(UL) Specification:	CL3, CM
CEC/C(UL) Specification:	CM

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):	2005-01-11
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:	6002UE

Part Number**Variants**

Item #	Color	Footnote
1312A 0101000	BLACK	C
1312A 010500	BLACK	C
1312A 0081000	GRAY	C
1312A 008500	GRAY	C
1312A 1SL1000	WHITE 1SL	C

1312A 1SL500	WHITE 1SL	C
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Footnote:	C - CRATE REEL PUT-UP.
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