

Part Number: 1308A

Speaker Cable, 4 Conductor 16 AWG, BC, Unshielded, CM



Product Description

Speaker Cable, CL3 & CM-Rated, 4-16 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:	Intercom/PA Systems, Sound/Audio Systems

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
16	65x34	High Conductivity BC - Bare Copper	0.058 in	4
Conductor Count:		2		
Conductor Size:		16 AWG		

Insulation

Material	Nominal Diameter
PO - Polyolefin	0.083 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	0.27 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 µH/ft

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

66 %

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

9 Amps per conductor @ 25°C

Voltage**UL Voltage Rating**

300V RMS

Temperature Range

Operating Temp Range: -20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	50 lbs/1000ft
Max Recommended Pulling Tension:	130 lbs
Min Bend Radius/Minor Axis:	2.75 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:	6202UE

Part Number**Variants**

Item #	Color	Footnote
1308A 0101000	BLACK	
1308A 010U500	BLACK	
1308A 006U500	BLUE, LIGHT	
1308A 0081000	GRAY	C
1308A 008U500	GRAY	

1308A 009X	GRAY	
1308A N3UU500	GREEN, MIL	
1308A 1SL1000	WHITE 1SL	C
1308A 1SLU500	WHITE 1SL	

Footnote:	C - CRATE REEL PUT-UP.
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