

Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION

BELDEN
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1309A Multi-Conductor - Speaker Cable



For more Information
please call

1-800-Belden1



General Description:

14 AWG stranded (105x34) oxygen-free high-conductivity bare copper conductors, PO insulation, conductors cabled, PVC jacket. Sequential footage marking every two feet.

Usage (Overall)

Suitable Applications: Speaker Cable, Direct Burial, Indoor/Outdoor Home Theater, In-Wall Speaker, Outdoor Speaker

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (mm)
2	14	105x34	High Conductivity BC - Bare Copper	1.8796

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material	Dia. (mm)
PO - Polyolefin	2.667

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 6.706 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 62.504 Kg/Km

Max. Recommended Pulling Tension: 462.613 N

Min. Bend Radius/Minor Axis: 69.850 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CL3, CM

CEC/C(UL) Specification: CM

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 07/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

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CA Prop 65 (CJ for Wire & Cable):

Yes

MII Order #39 (China RoHS):

Yes

Flame Test

UL Flame Test:

UL1581 Vertical Flame and FT-1 Flame Test

CSA Flame Test:

FT1

Suitability

Suitability - Indoor:

Yes

Suitability - Outdoor:

Yes

Plenum/Non-Plenum

Plenum (Y/N):

No

Plenum Number:

6100UE

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μ H/m)
0.52496

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
67.2605

Nominal Velocity of Propagation:

VP (%)
66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
8.2025

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
13 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1309A N3UU500	152 MT	10.206 KG	GREEN, MIL	C	2 #14 PE FRPVC
1309A 006U500	152 MT	10.206 KG	BLUE, LIGHT		2 #14 PE FRPVC
1309A 008U500	152 MT	10.206 KG	GRAY		2 #14 PE FRPVC
1309A 0081000	305 MT	20.865 KG	GRAY	C	2 #14 PE FRPVC
1309A 010U500	152 MT	10.206 KG	BLACK		2 #14 PE FRPVC
1309A 0101000	305 MT	20.865 KG	BLACK	C	2 #14 PE FRPVC
1309A 1SLU500	152 MT	10.206 KG	WHITE 1SL		2 #14 PE FRPVC
1309A 1SL1000	305 MT	20.865 KG	WHITE 1SL	C	2 #14 PE FRPVC

Notes:

C = CRATE REEL PUT-UP.

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