

# Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

**BELDEN**  
SENDING ALL THE RIGHT SIGNALS

## 1313A Multi-Conductor - Speaker Cable



For more Information  
please call

1-800-Belden1



### General Description:

10 AWG stranded (259x34) 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. (in.)
2	10	259x34	High Conductivity BC - Bare Copper	.132

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PO - Polyolefin	.170

#### 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: 0.428 in.

### Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 100 lbs/1000 ft.

Max. Recommended Pulling Tension: 275 lbs.

Min. Bend Radius/Minor Axis: 4.500 in.

### 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): 01/11/2005

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
Other Specification:	Sunlight resistant in Black and White.

### 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:	6T00UP

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance ( $\mu$ H/ft)
.15

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
23.2

#### Nominal Velocity of Propagation:

VP (%)
66

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
1.0

#### Max. Operating Voltage - UL:

Voltage
300 V RMS

#### Max. Recommended Current:

Current
17 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1313A 0081000	1,000 FT	109.000 LB	GRAY	C	2 #10 PE FRPVC
1313A 008500	500 FT	55.000 LB	GRAY	C	2 #10 PE FRPVC
1313A 0101000	1,000 FT	109.000 LB	BLACK	C	2 #10 PE FRPVC
1313A 010500	500 FT	55.000 LB	BLACK	C	2 #10 PE FRPVC
1313A 1SL1000	1,000 FT	109.000 LB	WHITE 1SL	C	2 #10 PE FRPVC
1313A 1SL500	500 FT	55.000 LB	WHITE 1SL	C	2 #10 PE FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 11-06-2013

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