

## 1312A Multi-Conductor - Speaker Cable



For more Information  
please call

1-800-Belden1



### General Description:

12 AWG stranded (168x34) oxygen-free high-conductivity bare copper OFC 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)
4	12	168x34	High Conductivity BC - Bare Copper	2.667

Total Number of Conductors: 4

#### Insulation

Insulation Material:

Insulation Material	Dia. (mm)
PO - Polyolefin	3.556

#### 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
3	White
4	Green

Overall Nominal Diameter: 10.744 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	183.049 Kg/Km
Max. Recommended Pulling Tension:	1352.253 N
Min. Bend Radius/Minor Axis:	107.950 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):	01/11/2005
EU Directive 2002/96/EC (WEEE):	Yes

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EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL 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:	6002UE

## Electrical Characteristics (Overall)

## Nom. Inductance:

Inductance (µH/m)
0.49215

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
73.1663

## Nominal Velocity of Propagation:

VP (%)
66

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
5.2496

## Max. Operating Voltage - UL:

Voltage
300 V RMS

## Max. Recommended Current:

Current
18 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1312A 0081000	305 MT	59.874 KG	GRAY	C	4 #12 PE FRPVC
1312A 008500	152 MT	30.164 KG	GRAY	C	4 #12 PE FRPVC
1312A 0101000	305 MT	59.874 KG	BLACK	C	4 #12 PE FRPVC
1312A 010500	152 MT	30.164 KG	BLACK	C	4 #12 PE FRPVC
1312A 1SL1000	305 MT	59.874 KG	WHITE 1SL	C	4 #12 PE FRPVC
1312A 1SL500	152 MT	30.164 KG	WHITE 1SL	C	4 #12 PE FRPVC

## Notes:

C = CRATE REEL PUT-UP.

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