

## QUOTE 1162717B DESIGN C - High-Conductivity Copper Speaker Cable



For more Information  
please call

1-800-Belden1



### General Description:

12 AWG stranded (65x30) tinned copper conductors, PVC insulation, twisted pair, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	12	65x30	TC - Tinned Copper

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.033

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.035

#### Overall Cable

Overall Nominal Diameter: 0.386 in.

#### Pair

Pair Color Code Chart:

Number	Color
1	Black & White

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +90°C
Non-UL Temperature Rating:	90°C (UL AWM Style 2587)
Bulk Cable Weight:	80 lbs/1000 ft.
Max. Recommended Pulling Tension:	150 lbs.
Min. Bend Radius/Minor Axis:	4 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL3R
AWM Specification:	UL Style 2587 (600 V 90°C)
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

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### Flame Test

UL Flame Test: UL1666 Vertical Shaft

### Plenum/Non-Plenum

Plenum (Y/N): No

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)  
0.18

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)  
35

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)  
1.8

#### Max. Operating Voltage - UL:

Voltage	Description
300 V RMS	CL3R
600 V RMS	UL AWM Style 2587

#### Max. Recommended Current:

Current  
13 Amps per conductor @ 25°C

### Notes (Overall)

**Notes:** See NEC Guidelines for applicable CL3 voltage ratings.

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