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1-800-Belden1



### General Description:

12 AWG stranded tinned copper conductors, polypropylene insulation, LSZH jacket with ripcord, sequential footage marking every two feet.

### Usage (Overall)

Suitable Applications:

Speaker, Audio, Control, Intercom, ABS Type Approved, Shipboard, CMG-LS, IEEE 45 clause 23, IEC 60092-376 clause 17, 60092-351, 60754-1, 60754-2, 61034, UL1685 FT4 Loading, Limited Smoke, IEC 60332-3-22 (Category A), 60332-1, IEEE 1202

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	12	65	TC - Tinned Copper

Total Number of Conductors:

2

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)	Dia. (mm)
PP - Polypropylene	0.2794	2.921

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
LSZH - Low Smoke Zero Halogen	1.3208

Outer Jacket Ripcord:

Yes

#### Overall Cable

Overall Cabling Color Code Chart:

Color
Black
White

Overall Nominal Diameter:

8.636 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

UL Temperature Rating: 105°C

Bulk Cable Weight: 105.662 Kg/Km

Max. Recommended Pulling Tension: 751.746 N

Min. Bend Radius/Minor Axis: 88.900 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG-LS

CEC/C(UL) Specification: CMG-LS

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

IEEE Specification: Std. 45 clause 23

EU CE Mark: Yes

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

## METRIC MEASUREMENT VERSION

## 1316SB Multi-Conductor - Speaker Wire and Cable

EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	08/07/2006
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes
Other Specification:	UL444, ABS Type Approval Certificate 06-HS184641E

### Flame Test

UL Flame Test:	UL1685 FT4 Loading, Limited Smoke
CSA Flame Test:	FT4
IEC Flame Test:	60332-1, 60332-3-22 (Category A)
IEEE Flame Test:	1202

### Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Sunlight Resistance:	Yes

### Plenum/Non-Plenum

Plenum (Y/N):	No
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## Electrical Characteristics (Overall)

### Nom. Inductance:

Inductance (µH/m)  
0.52496

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)  
104.992

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)  
5.11836

### Max. Operating Voltage - UL:

Voltage  
300 V RMS

### Max. Recommended Current:

Current  
26 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1316SB 0101000	1,000 FT	79.000 LB	BLACK	C	1 PR #12 PP FRNHPO

### Notes:

C = CRATE REEL PUT-UP.

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