BELDEN

Product: 1317SB ⧉

Shipboard Speaker, 4 conductor 12 AWG TC, CMG-LS

Product Description

Shipboard Speaker, 4 conductor 12 AWG stranded tinned copper conductors, polypropylene insulation, LSZH jacket with ripcord.

Technical Specifications

Product Overview

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	Stranding	Material	Nominal Diameter	No. of Conductors
12	65x30	TC - Tinned Copper	0.087 in	4

Conductor Count:	4

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PP - Polypropylene	0.115 in	0.011 in

Color Chart

Number	Color
1	Black
2	White
3	Red
4	Green

Inner Shield

Type
No Shield

Outer Shield

Type
No Shield

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.382 in	0.052 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance
1.56 Ohm/1000ft	1.56 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

32 pF/ft

Inductance

Nominal Inductance
0.16 µH/ft

Current

Max. Recommended Current [A]
21 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	105°C
Operating Temperature Range:	-30°C To +105°C

Mechanical Characteristics

Bulk Cable Weight:	124 lbs/1000ft
Max. Pull Tension:	338 lbs
Min. Bend Radius/Minor Axis:	4 in

Standards

NEC/(UL) Compliance:	CMG-LS
CEC/C(UL) Compliance:	CMG-ST1
CPR Euroclass:	Fca
IEEE Compliance:	Std. 45 clause 23
Other Specification:	UL444, ABS Type Approval Certificate 06-HS184641E

Applicable Environmental and Other Programs

Environmental Space:	Indoor/Outdoor
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	Yes
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

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

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading, Limited Smoke
CSA Flammability:	FT4
IEC Flammability:	IEC 60332-1-2, IEC 60332-3-22
IEEE Flammability:	1202
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC

1317SB 0101000	Black	Reel		1,000 ft	612825111801
Footnote:			C - CRATE REEL PUT-UP.		

History

Update and Revision:	Revision Number: 0.317 Revision Date: 12-20-2022