

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
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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 μ H/ft**Current****Max. Recommended Current [A]**

21 Amps per Conductor at 25°C

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
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History

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

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