



Product: [1315SB](#)

Shipboard Speaker, 4 Conductor 14 AWG TC, CMG-LS

Product Description

Shipboard Speaker, 4 Conductor 14 AWG stranded (41x30) tinned copper conductors, PP insulation, CMG-LS rating, LSZH jacket.

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 1203
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Physical Characteristics (Overall)

Conductor				
AWG	Stranding	Material	Nominal Diameter	No. of Conductors
14	41x30	TC - Tinned Copper	0.073 in	4
Conductor Count:		4		

Insulation		
Material	Nominal Diameter	Nominal Wall Thickness
PP - Polypropylene	0.095 in	0.011 in

Outer Shield

Type
No Shield

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.333 in	0.052 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
2.42 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
29 pF/ft

Inductance

Nominal Inductance
0.17 μ H/ft

Current

Max. Recommended Current [A]
17.6 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

Max. Pull Tension:	218.400 lbs
Min. Bend Radius/Minor Axis:	3.5 in

Standards

NEC/(UL) Compliance:	CMG-LS
CEC/C(UL) Compliance:	CMG-ST1
IEEE Compliance:	Std. 45 clause 23

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 CE Mark:	Yes

Suitability

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

Flammability, LSOH, 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
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
1315SB 0101000	Black	Reel	1,000 ft	612825111788

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.253 Revision Date: 07-10-2024
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