



Product: [1316SB](#)

Shipboard Speaker, 2 Conductor 12 AWG TC, CMG-LS

Product Description

Shipboard Speaker, 2 Conductor 12 AWG stranded (65x30) 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 1201
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	12 AWG	65x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.011 in (0.28 mm)	0.115 in mm	Black & White

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.052 in (1.3 mm)	0.334 in	Yes

Overall Cable Diameter (Nominal):	0.334 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
1.74 Ohm/1000ft	32 pF/ft (100 pF/m)	21 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-30°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
3.34 in (84.8 mm)	3.34 in

Max. Pull Tension:	169 lbs (76.7 kg)
Bulk Cable Weight:	71 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor
Flammability / Reaction to Fire:	UL 1685 FT4 Loading, FT4, Limited Smoke, IEC 60332-1-2, IEC 60332-3-22
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG-LS
CEC / C(UL) Compliance:	CMG-ST1
IEEE Compliance:	Std. 45 clause 23
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.332 Revision Date: 07-10-2024
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1316SB 0101000	Black	Reel	1,000 ft	612825111795	C

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