



**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**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
12	65x30	TC - Tinned Copper	0.087 in	2

Conductor Count:	2
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**Insulation**

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

**Color Chart**

Number	Color
1	Black
2	White

**Outer Shield Material**

Material
No Shield

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen flame retardant	0.334 in	0.052 in

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
1.56 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor
32 pF/ft

**Current**

Max. Recommended Current [A]
26 Amps per conductor @ 25°C

**Voltage**

UL Voltage Rating
300 V RMS

## Temperature Range

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

## Mechanical Characteristics

Max Recommended Pulling Tension:	169 lbs
Min Bend Radius/Minor Axis:	3.5 in

## Standards

NEC/(UL) Specification:	CMG-LS
CEC/C(UL) Specification:	CMG-LS
CPR Euroclass:	Eca
IEEE Specification:	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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2006-08-07

## 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
ISO/IEC Flammability:	60332-1, 60332-3-22 (Category A)
IEEE Flammability:	1202
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

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

Footnote:	C - CRATE REEL PUT-UP.
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## History

Update and Revision:	Revision Number: 0.156 Revision Date: 04-28-2020
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#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.