Product: 1321SB 🗗

Fire Alarm, #16-2c, LSZH Jacket, CMG-LS, FPLR, Shipboard ABS Type Approved

Product Description

16 AWG solid bare copper conductors, ceramifiable silicone insulation, Beldfoil® shield, drain wire, LSZH jacket.

Technical Specifications

Product Overview

Suitable Applications:	Fire Alarm, Shipboard, Low Smoke

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	16	Solid	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Silicone Rubber	0.034 in (0.86 mm)	0.12 in (3.0 mm)	Black and Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (7x28) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.045 in (1.1 mm)	0.337 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
4 Ohm/1000ft	31 pF/ft (100 pF/m)	52 pF/ft (170 pF/m)	12 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-20°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
5.05 in (128 mm)	5.05 in

Max. Pull Tension:	75 lbs (34 kg)
Bulk Cable Weight:	55 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance
Flammability / Reaction to Fire:	UL 1685 FT4 loading, FT4, IEC 60332-1-2, IEC 60331-23, IEC 60332-3-22
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 760, Article 800, CMG-LS, FPLR
CEC / C(UL) Compliance:	CMG
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: 0.349 Revision Date: 02-15-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1321SB 0101000	Black	Reel	1,000 ft	612825111870	C
1321SB 0021000	Red	Reel	1,000 ft	612825111863	C

Mouser Electronics

Authorized Distributor

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