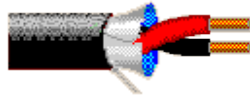


## 1321SB Multi-Conductor - ABS Type Approved Fire Alarm Cable



For more Information  
please call

1-800-Belden1



### General Description:

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

### Usage (Overall)

**Suitable Applications:**

ABS Type Approved, Fire Alarm, Shipboard, FPLR, 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, 60331-23

### Physical Characteristics (Overall)

#### Conductor

**AWG:**

# Conductors	AWG	Stranding	Conductor Material
2	16	Solid	BC - Bare Copper

**Total Number of Conductors:** 2

#### Insulation

**Insulation Material:**

Insulation Material	Dia. (in.)
Silicone Rubber	0.120

#### Outer Shield

**Outer Shield Material:**

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Polyester Tape-Aluminum Foil	100

**Outer Shield Drain Wire AWG:**

AWG	Stranding	Drain Wire	Conductor Material
20	7x28	TC - Tinned Copper	

#### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Material
LSZH - Low Smoke Zero Halogen

#### Overall Cable

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red

**Overall Nominal Diameter:** 0.337 in.

### Mechanical Characteristics (Overall)

**Operating Temperature Range:** -20°C To +105°C

**UL Temperature Rating:** 105°C

**Bulk Cable Weight:** 55 lbs/1000 ft.

**Max. Recommended Pulling Tension:** 62.400 lbs.

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Min. Bend Radius/Minor Axis: 3.500 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG-LS, FPLR
NEC Articles:	760, 800
CEC/C(UL) Specification:	CMG
EU Directive 2011/65/EU (ROHS II):	Yes
IEEE Specification:	Std. 45 clause 23
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	08/07/2006
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Other Specification:	UL444, UL1424, ABS Type Approval Certificate 06-HS184641F

#### Flame Test

UL Flame Test:	UL1685 FT4 Loading, Limited Smoke
CSA Flame Test:	FT4
IEC Flame Test:	60332-1, 60331-23, 60332-3-22 (Category A)
IEEE Flame Test:	1202

#### Suitability

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

#### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

31

#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

52

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.0

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

8.2

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

### Put Ups and Colors:

## 1321SB Multi-Conductor - ABS Type Approved Fire Alarm Cable

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1321SB 0021000	1,000 FT	62.000 LB	RED	C	1 FS PR #16 SIL FRNHPO
1321SB 0101000	1,000 FT	62.000 LB	BLACK	C	1 FS PR #16 SIL FRNHPO

**Notes:**

C = CRATE REEL PUT-UP.

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