




**Product:** [5320UE](#) 

Security & Sound, 2 Conductor 18 AWG BC, Riser

## Product Description

Security & Sound Cable, 2 Conductor 18 AWG solid bare copper conductors with polyolefin insulation, Riser, PVC jacket with ripcord.

## Technical Specifications

### Product Overview

Suitable Applications:	Addressable Fire Systems, Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
18	Solid	BC - Bare Copper	2

Conductor Count:	2
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#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

#### Color Chart

Number	Color
1	Black
2	Red

#### Outer Shield Material

Material
No Shield

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.143 in	0.017 in	Yes

### Construction and Dimensions

#### Cabling

Twists
4.364 twist/ft

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
6.4 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
23 pF/ft

## Inductance

### Nominal Inductance

0.16 µH/ft

## Current

### Max. Recommended Current [A]

5 Amps per Conductor at 25°C

## Voltage

### UL Voltage Rating

300 V RMS

## Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight:	15.2 lbs/1000ft
Max. Pull Tension:	39.2 lbs
Min. Bend Radius/Minor Axis:	1.5 in

## Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG
CPR Euroclass:	Eca

## Applicable Environmental and Other Programs

Environmental Space:	Indoor - Riser
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Riser
IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6320UE

## Part Number

### Variants

Item #	Color	Put-Up Type	Length	UPC
5320UE 008U1000	Gray	UnReel	1,000 ft	612825421580
5320UE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825160588

## History

Update and Revision:	Revision Number: 0.371 Revision Date: 08-27-2021
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