



**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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### Construction Details

#### Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	18 AWG	Solid	BC - Bare Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.007 in (0.18 mm)	0.055 in (1.4 mm)	Black, Red

#### Outer Shield

Material
No Shield

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.143 in	Yes

Overall Cable Diameter (Nominal):	0.143 in
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### Electrical Characteristics

#### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
6.4 Ohm/1000ft	23 pF/ft (75 pF/m)	0.16 µH/ft (0.52 µH/m)	5 Amps per Conductor at 25°C

#### Voltage

UL Voltage Rating
300 V

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating
75°C	0°C To +75°C

#### Bend Radius

Stationary Min.	Installation Min.
1.43 in (36.3 mm)	1.43 in

Max. Pull Tension:	39.2 lbs (17.8 kg)
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Bulk Cable Weight:	15 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, 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)
Plenum Number:	6320UE

History

Update and Revision:	Revision Number: 0.388 Revision Date: 09-07-2025
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Part Numbers

Variants

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

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