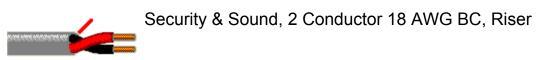


## Part Number: 5320UE



## **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**

Environmental Space:	Indoor - Riser
Suitable Applications:	Addressable Fire Systems, Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits

## **Physical Characteristics (Overall)**

Condu	ctor			
AWG	Stranding	Material	No.	of Conductors
18	Solid	BC - Bare Copper	2	
Condu	ctor Count:			2
Condu	ctor Size:			18 AWG
Insulat	ion			

# Material Nominal Wall Thickness PP - Polypropylene 0.007 in

## Color Chart

Number	Color
1	Black
2	Red

## **Outer Shield Material**

Material Unshielded

## 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 Shielding:

Multiple or Specialty

#### Inductance

Nominal Inductance
0.16 µH/ft

#### Current

Max. Recommended Current [A]

5 Amps per conductor @ 25°C A

## 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 Recommended Pulling Tension:	39.2 lbs
Min Bend Radius/Minor Axis:	1.5 in

## Standards

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

## **Applicable Environmental and Other Programs**

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Riser
UL voltage rating:	300 V RMS

#### **Plenum/Non-Plenum**

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

## Part Number

#### Variants

ltem #	Color
5320UE 008U1000	Gray

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