


Product: [5520UE](#) 

Security & Sound, 2 Conductor 22 AWG BC, Riser



## Product Description

Security & Commercial Audio Cable, 2 Conductor 22 AWG solid bare copper conductors with polyolefin insulation, Riser, PVC jacket with ripcord.

## Technical Specifications

### Product Overview

Suitable Applications:	Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, Single Line Telephone
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
22	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	0.114 in	0.017 in	Yes

### Construction and Dimensions

#### Cabling

Twists
8 twist/ft

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
15.7 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
19 pF/ft

## Current

### Max. Recommended Current [A]

2.8 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:	8.1 lbs/1000ft
Max. Pull Tension:	15.6 lbs
Min Bend Radius/Minor Axis:	1.25 in

## Standards

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

## 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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

## Flammability, LS0H, Toxicity Testing

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

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6520UE

## Part Number

### Variants

Item #	Color	Putup Type	Length	UPC
5520UE 008C500	Gray	Coil	500 ft	612825164050
5520UE 008U500	Gray	UnReel	500 ft	612825164081
5520UE 0081000	Gray	Reel	1,000 ft	612825164036
5520UE 008C1000	Gray	Coil	1,000 ft	612825164043
5520UE 008U1000	Gray	UnReel	1,000 ft	612825164067

## History

Update and Revision:	Revision Number: 0.269 Revision Date: 06-24-2020
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