


**Product:** [5001UE](#) 



Security & Sound, 3 Conductor 12 AWG BC, Riser

**Product Description**

Security & Commercial Audio Cable, 3 Conductor 12 AWG stranded (19x25) bare copper conductors with polyolefin insulation, Riser, PVC jacket with ripcord.

**Technical Specifications**

**Product Overview**

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems
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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
12	19x25	BC - Bare Copper	3

Conductor Count:	3
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**Insulation**

Material	Nominal Wall Thickness
PP - Polypropylene	0.011 in

**Color Chart**

Number	Color
1	Black
2	White
3	Red

**Outer Shield Material**

Material
No Shield

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.277 in	0.017 in	Yes

**Construction and Dimensions**

**Cabling**

Twists
2.526 twist/ft

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
1.6 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor

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24 pF/ft

#### Current

##### Max. Recommended Current [A]

12 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:	78.5 lbs/1000ft
Max. Pull Tension:	228 lbs
Min Bend Radius/Minor Axis:	2.8 in

#### Standards

NEC Articles:	Article 725
NEC/(UL) Compliance:	CL3R

#### 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
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

#### Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1666 Vertical Riser
CSA Flammability:	FT4
UL voltage rating:	300 V RMS

#### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6001UE

#### Part Number

#### Variants

Item #	Color	Putup Type	Length	UPC
5001UE 0081000	Gray	Reel	1,000 ft	612825155706

Footnote:	C - CRATE REEL PUT-UP.
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#### History

Update and Revision:	Revision Number: 0.273 Revision Date: 03-16-2021
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