



**Part Number: 6100UE**

Security & Sound, 2 Conductor 14 AWG BC, CL2P

## Product Description

Security & Commercial Audio Cable, 2 Conductor 14 AWG stranded (19x27) bare copper conductors with Flamarrest® insulation, CL2P, Flamarrest® jacket with ripcord.

## Technical Specifications

### Product Overview

Environmental Space:	Indoor - Plenum
Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
14	19x27	TC - Tinned Copper	2

Conductor Count:	2
Conductor Size:	14 AWG

#### Insulation

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.011 in

#### Color Chart

Number	Color
1	Black
2	White

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.226 in	0.015 in	Yes

### Construction and Dimensions

#### Cabling

Lay Direction	Twists
Left Hand	3.2 twist/ft

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
2.53 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
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36 pF/ft
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Shielding:	Multiple or Specialty
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#### Inductance

##### Nominal Inductance

0.145 µH/ft
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#### Current

Element	Max. Recommended Current [A]
10C Temperature Rise	Per conductor @ 25°C ambient: 8 A

#### Voltage

##### UL Voltage Rating

150 V RMS
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### Temperature Range

Installation Temp Range:	0°C To +75
UL Temp Rating:	75°C
Operating Temp Range:	-10°C To +75°C

### Mechanical Characteristics

Bulk Cable Weight:	38 lbs/1000ft
Max Recommended Pulling Tension:	95 lbs
Min Bend Radius/Minor Axis:	2.5 in

### Standards

NEC Articles:	725
NEC/(UL) Specification:	CL2P
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 2015/863/EU:	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

### Suitability

Suitability - Indoor:	Yes
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### Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262
UL voltage rating:	150 V RMS

### Plenum/Non-Plenum

Plenum (Y/N):	Yes
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### Part Number

Non-Plenum Number:	5100UH
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#### Variants

Item #	Color	Footnote
6100UE 010U1000	Black	
6100UE 010500	Black	C
6100UE 008U1000	Gray	
6100UE 8771000	Natural	C

6100UE 877500	Natural	
6100UE 8775000	Natural	
6100UE 877U1000	Natural	
6100UE 009U1000	White	
6100UE 009U250	White	
6100UE 009U500	White	
6100UE 009U500	White	
6100UE 004U1000	Yellow	

Footnote:	C - CRATE REEL PUT-UP.
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