




**Product:** [6101UE](#) 

Security & Sound, 3 Conductor 14 AWG BC, CL2P

## Product Description

Security & Sound Cable, 3 Conductors 14 AWG stranded (19x27) bare copper conductors with Flamarrest® insulation, Plenum, Flamarrest® 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
14	19x27	BC - Bare Copper	3

Conductor Count:	3
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#### Insulation

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

#### Color Chart

Number	Color
1	Black
2	White
3	Red

#### Outer Shield Material

Material
No Shield

#### Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC-LS - Polyvinyl Chloride (Low Smoke)	Flamarrest®	0.241 in	0.015 in	Yes

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
2.53 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
33 pF/ft

#### Inductance

Nominal Inductance
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0.15 μH/ft

Current

Max. Recommended Current [A]
8 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
150 V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	54 lbs/1000ft
Max. Pull Tension:	142.5 lbs
Min Bend Radius/Minor Axis:	2.5 in

Standards

NEC Articles:	Article 725
NEC/(UL) Compliance:	CL2P

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Plenum
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
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262 Plenum Flame Test (UL910)
UL voltage rating:	150 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Non-Plenum Number:	5101UH
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Variants

Item #	Color	Putup Type	Length	UPC
6101UE 8771000	Natural	Reel	1,000 ft	612825427070
6101UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825173571
6101UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825173571

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.300 Revision Date: 06-24-2020
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Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.