




**Product:** [6100UH](#) 

Security & Sound, 2 Conductor 14 AWG TC, Plenum

## Product Description

Security & Commercial Audio Cable, 2 Conductor 14 AWG stranded (19x27) tinned 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	TC - Tinned Copper	2

Conductor Count:	2
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#### Insulation

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

#### Color Chart

Number	Color
1	Black
2	White

#### Outer Shield Material

Material
No Shield

#### Outer Jacket Material

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.015 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
2.53 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
36 pF/ft

#### Inductance

Nominal Inductance
0.145 µH/ft

## Current

### Max. Recommended Current [A]

8 Amps per Conductor at 25°C

## Voltage

### UL Voltage Rating

150 V RMS

## 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. Pull Tension:	95 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 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

## 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	Putup Type	Length	UPC
6100UH 010U1000	Black	UnReel	1,000 ft	612825173472
6100UH 008U1000	Gray	UnReel	1,000 ft	612825173441
6100UH 8771000	Natural	Reel	1,000 ft	612825173465
6100UH 877U1000	Natural	UnReel	1,000 ft	612825173540
6100UH 009U1000	White	UnReel	1,000 ft	612825173458

## History

Update and Revision:	Revision Number: 0.77 Revision Date: 06-24-2020
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