



**Part Number: 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

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	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	0.015 in

## Construction and Dimensions

#### Cabling

Lay Length
3.75 in

## 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:	Unshielded
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#### Inductance

##### Nominal Inductance

0.145 $\mu$ H/ft
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#### Current

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

Per conductor @ 25°C ambient: 8 A
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#### Voltage

##### UL Voltage Rating

150V 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

### Applicable Environmental and Other Programs

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
CA Prop 65 (CJ for Wire & Cable):	Yes

### Suitability

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

UL Flammability:	NFPA 262
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### Plenum/Non-Plenum

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

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

Item #	Color
6100UH 010U1000	BLACK
6100UH 008U1000	GRAY
6100UH 8771000	NATURAL
6100UH 877U1000	NATURAL
6100UH 009U1000	WHITE

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