



**Part Number: 6000UH**

Security & Sound, 2 Conductor 12 AWG, TC, Plenum

## Product Description

Security & Commercial Audio Cable, 2 Conductor 12 AWG stranded (19x25) 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
12	19x25	TC - Tinned Copper	2

Conductor Count:	2
Conductor Size:	12 AWG

#### Insulation

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.01 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
4.25 in

## Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
1.6 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

0.14 $\mu$ H/ft
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#### Current

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

Per conductor @ 25°C: 12 A
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#### Voltage

##### UL Voltage Rating

150V RMS
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#### Temperature Range

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

#### Mechanical Characteristics

Bulk Cable Weight:	52 lbs/1000ft
Max Recommended Pulling Tension:	152 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, LSOH, 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:	5000UH
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#### Variants

Item #	Color
6000UH 0101000	BLACK
6000UH 8771000	NATURAL
6000UH 877500	NATURAL

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