




Product: [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

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
12	19x25	TC - Tinned Copper	2

Conductor Count:	2
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Insulation

Material	Material Trade Name	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Flamarrest®	0.01 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
1.6 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
36 pF/ft

Inductance

Nominal Inductance
0.14 µH/ft

Current

Max. Recommended Current [A]

12 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:	52 lbs/1000ft
Max. Pull Tension:	152 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, LSOH, 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:	5000UH
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Variants

Item #	Color	Putup Type	Length	UPC
6000UH 0101000	Black	Reel	1,000 ft	612825166139
6000UH 877500	Natural	Reel	500 ft	612825171782
6000UH 8771000	Natural	Reel	1,000 ft	612825166146

History

Update and Revision:	Revision Number: 0.128 Revision Date: 06-24-2020
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