




Product: [6300UH](#) 

Security & Sound, 2 Conductor 18 AWG TC, Plenum

Product Description

Security & Commercial Audio Cable, 2 Conductor 18 AWG stranded (7x26) 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
18	7x26	TC - Tinned Copper	2

Conductor Count:	2
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Insulation

Material	Material Trade Name	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Flamarrest®	0.009 in

Color Chart

Color
Black
White

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.158 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
34 pF/ft

Inductance

Nominal Inductance
0.15 µH/ft

Current

Max. Recommended Current [A]

5 Amps per Conductor at 25°C

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	17 lbs/1000ft
Max. Pull Tension:	45 lbs
Min Bend Radius/Minor Axis:	1.75 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMP
CEC/C(UL) Compliance:	CMP

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

Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Non-Plenum Number:	5300UH
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Variants

Item #	Color	Putup Type	Length	UPC
6300UH 0101000	Black	Reel	1,000 ft	612825175094
6300UH 010U1000	Black	UnReel	1,000 ft	612825175124
6300UH 0081000	Gray	Reel	1,000 ft	612825175056
6300UH 008U1000	Gray	UnReel	1,000 ft	612825421825
6300UH 008Z1000	Gray	ReelTuff Box	1,000 ft	612825175070
6300UH 8771000	Natural	Reel	1,000 ft	612825175117
6300UH 877U1000	Natural	UnReel	1,000 ft	612825175179
6300UH 009U500	White	UnReel	500 ft	612825175100
6300UH 009U1000	White	UnReel	1,000 ft	612825175087

History

Update and Revision:	Revision Number: 0.156 Revision Date: 06-24-2020
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