



Part Number: 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

Environmental Space:	Indoor - Plenum
Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	7x26	TC - Tinned Copper	2

Conductor Count:	2
Conductor Size:	18 AWG

Insulation

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

Color Chart

Color
Black
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
3.5 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

34 pF/ft

Shielding:	Unshielded
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Inductance

Nominal Inductance

0.15 μ H/ft

Current

Max. Recommended Current [A]

Per conductor @ 25°C: 5 A

Voltage

UL Voltage Rating

300V 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 Recommended Pulling Tension:	45 lbs
Min Bend Radius/Minor Axis:	1.75 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP

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

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
6300UH 0101000	BLACK
6300UH 010U1000	BLACK
6300UH 0081000	GRAY
6300UH 008U1000	GRAY
6300UH 8771000	NATURAL
6300UH 877U1000	NATURAL
6300UH 009U1000	WHITE
6300UH 009U500	WHITE

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