



Product: [6400UH](#)

Security & Sound, 2 Conductor 20 AWG, TC, Plenum

Product Description

Security & Commercial Audio Cable, 2 Conductor 20 AWG stranded (7x28) 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
20	7x28	TC - Tinned Copper	2

Conductor Count:	2
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Insulation

Material	Material Trade Name	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Flamarrest®	0.008 in

Color Chart

Number	Color
1	Black
2	Red

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
10.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
30 pF/ft

Inductance

Nominal Inductance
0.16 μ H/ft

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	12 lbs/1000ft
Max. Pull Tension:	25.2 lbs
Min Bend Radius/Minor Axis:	1.5 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

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Non-Plenum Number:	5400UH
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Variants

Item #	Color	Putup Type	Length	UPC
6400UH 8771000	Natural	Reel	1,000 ft	612825176657
6400UH 877U1000	Natural	UnReel	1,000 ft	612825420071
6400UH 877Z1000	Natural	ReelTuff Box	1,000 ft	612825176671

History

Update and Revision:	Revision Number: 0.70 Revision Date: 06-24-2020
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