



Product: [5001UH](#)

Security & Sound, 3 Conductor 12 AWG, TC, CL3R

Product Description

Security & Commercial Audio Cable, 3 Conductor 12 AWG stranded (19x25) tinned copper conductors with polyolefin insulation, PVC jacket with ripcord, Riser rated.

Technical Specifications

Product Overview

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

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
12	19x25	TC - Tinned Copper	0.091 in	3

Conductor Count:	3
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Insulation

Material	Nominal Diameter
PP - Polypropylene	0.113 in

Color Chart

Number	Color
1	Black
2	White
3	Red

Outer Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.277 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
1.6 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
24 pF/ft

Current

Max. Recommended Current [A]
12 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temperature Range:	-5°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	74 lbs/1000ft
Max. Pull Tension:	198 lbs
Min. Bend Radius/Minor Axis:	2.8 in

Standards

NEC Articles:	Article 725
NEC/(UL) Compliance:	CL3R

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	Yes

Suitability

Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1666 Vertical Riser
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Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6001UH

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
5001UH 0081000	Gray	Reel	1,000 ft	612825155805

Product Notes

Notes:	Ripcord under jacket
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History

Update and Revision:	Revision Number: 0.51 Revision Date: 04-08-2022
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