



Product: [6002UH](#)

Security & Sound, 4 Conductor 12 AWG TC, CL2P

Product Description

Security & Commercial Audio Cable, 4 Conductor 12 AWG stranded (19x25) tinned copper conductors with Flamarrest® insulation, plenum CL2P rating and Flamarrest® low smoke PVC 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	Nominal Diameter	No. of Conductors
12	19x25	TC - Tinned Copper	0.091 in	4

Conductor Count:	4
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Insulation

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Flamarrest®	0.111 in	0.010 in

Color Chart

Number
Black
White
Red
Green

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.304 in	0.018 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
1.6 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
39.0 pF/ft

Current

Max. Recommended Current [A]
9.6 Amps per Conductor

Voltage

UL Voltage Rating
150 V RMS

Temperature Range

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

Mechanical Characteristics

UV Resistance:	No
Bulk Cable Weight:	102 lbs/1000ft
Max. Pull Tension:	304 lbs
Min Bend Radius/Minor Axis:	3.25 in

Standards

NEC/(UL) Compliance:	CL2P
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Applicable Environmental and Other Programs

Environmental Space:	Indoor - Plenum
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	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 - Aerial:	No
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes
Suitability - Outdoor:	No
Suitability - Sunlight Resistance:	No

Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT6
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:	5002UH
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Variants

Item #	Color	Putup Type	Length	UPC
6002UH 8771000	Natural	Reel	1,000 ft	611589228190

History

Update and Revision:	Revision Number: 0.51 Revision Date: 02-16-2021
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