



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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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	4	12 AWG	19x25	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.010 in (0.25 mm)	0.111 in (2.82 mm)	Black, Red, White, Green

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.304 in	Yes

Overall Cable Diameter (Nominal):	0.304 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
1.6 Ohm/1000ft	39 pF/ft (130 pF/m)	9.6 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
3.04 in (77.2 mm)	3.04 in

Max. Pull Tension:	304 lbs (138 kg)
Bulk Cable Weight:	102 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910)
NEC / UL Compliance:	Article 725, CL2P
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5002UH

History

Update and Revision:	Revision Number: 0.135 Revision Date: 12-20-2022
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Part Numbers

Variants

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

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