


Product: [6000UH](#)

Security & Sound, 2 Conductor 12 AWG, TC, Plenum

Product Description

Security & Commercial Audio Cable, 2 Conductor 12 AWG stranded (19x25) 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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Construction Details
Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	12 AWG	19x25	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.111 in (2.82 mm)	Black & White

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.252 in	Yes

Overall Cable Diameter (Nominal): 0.252 in

Electrical Characteristics
Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
1.6 Ohm/1000ft	36 pF/ft (120 pF/m)	0.14 µH/ft (0.46 µH/m)	12 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.
2.52 in (64.0 mm)	2.52 in

Max. Pull Tension:	152 lbs (68.9 kg)
Bulk Cable Weight:	52 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:	5000UH

History

Update and Revision:	Revision Number: 0.220 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
6000UH 0101000	Black	Reel	1,000 ft	612825166139
6000UH 877500	Natural	Reel	500 ft	612825171782
6000UH 8771000	Natural	Reel	1,000 ft	612825166146

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