



Product: [6100UH](#) 

Security & Sound, 2 Conductor 14 AWG TC, Plenum

Product Description

Security & Commercial Audio Cable, 2 Conductor 14 AWG stranded (19x27) 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	14 AWG	19x26	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	0.098 in (2.5 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)	0.226 in	Yes

Overall Cable Diameter (Nominal):	0.226 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
2.53 Ohm/1000ft	36 pF/ft (120 pF/m)	8 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating	Installation
75°C	-20°C To +75°C	0°C To +75

Bend Radius

Stationary Min.	Installation Min.
2.26 in (57.4 mm)	2.26 in

Max. Pull Tension:	95 lbs (43 kg)
Bulk Cable Weight:	38 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:	5100UH

History

Update and Revision:	Revision Number: 0.168 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
6100UH 010U1000	Black	UnReel	1,000 ft	612825173472
6100UH 008U1000	Gray	UnReel	1,000 ft	612825173441
6100UH 8771000	Natural	Reel	1,000 ft	612825173465
6100UH 877U1000	Natural	UnReel	1,000 ft	612825173540
6100UH 009U1000	White	UnReel	1,000 ft	612825173458

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