



Product: [5000U1](#)



Security & Sound, 2 Conductor-12 AWG TC, CL3

Product Description

Security & Commercial Audio Cable, 2 Conductor 12 AWG stranded (19x25) tinned copper conductors with PVC insulation, Waterblocking tape, CL3, PVC 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
Conductor(s)	2	12 AWG	19x25	TC - Tinned Copper

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Conductor(s)	2	12 AWG	19x25	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.014 in (0.36 mm)	0.119 in (3.02 mm)	Black, White

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Outer Shield

Material
No Shield

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.025 in (0.64 mm)	0.320 in

Outer Jacket

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PVC - Polyvinyl Chloride	0.025 in (0.64 mm)	0.320 in

Overall Cable Diameter (Nominal):	0.320 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
1.7 Ohm/1000ft	32 pF/ft (100 pF/m)	12 Amps per Conductor at 25°C

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Voltage

UL Voltage Rating
300 V

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300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-30°C to 105°C

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105°C	-30°C to 105°C

Bend Radius

Stationary Min.	Installation Min.
3.2 in (81 mm)	3.2 in

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3.2 in (81 mm)	3.2 in

Max. Pull Tension:	152 lbs (68.9 kg)
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Bulk Cable Weight:	59 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Outdoor - Water Exposure, Indoor, Outdoor
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Flammability / Reaction to Fire:	UL1685 UL Loading
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NEC / UL Compliance:	Article 725, CL3
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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)
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APAC Compliance:	China RoHS II (GB/T 26572-2011)
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History

Update and Revision:	Revision Number: 0.395 Revision Date: 03-04-2024
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
5000U1 0101000	Black	Reel	1,000 ft	612825154785
5000U1 0081000	Gray	Reel	1,000 ft	612825154778

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