



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

#### 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

#### Outer Shield

Material
No Shield

#### Outer Jacket

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

Overall Cable Diameter (Nominal): 0.320 in

### 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

#### Voltage

UL Voltage Rating
300 V

### Mechanical Characteristics

#### Temperature

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

#### Bend Radius

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

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

## Standards and Compliance

Environmental Suitability:	Outdoor - Water Exposure, Indoor, Outdoor
Flammability / Reaction to Fire:	UL1685 UL Loading
NEC / UL Compliance:	Article 725, CL3
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)

## History

Update and Revision:	Revision Number: 0.245 Revision Date: 12-20-2022
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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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