

**Product: [5002U1](#)**

Security &amp; Sound, 4 Conductor 12 AWG TC, Waterblocked, CL3


**Product Description**

Security & Commercial Audio Cable, 4 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**

Size	Stranding	Material
12 AWG	19x25	TC - Tinned Copper

**Insulation**

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

Outer Shield Table Notes:	Outer Shield Waterblocking Tape
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**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.029 in (0.74 mm)	0.377 in (9.58 mm)	Yes

**Electrical Characteristics**
**Electricals**

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
1.6 Ohm/1000ft	32 pF/ft (100 pF/m)	24 Amps per Conductor at 30°C

**Voltage**

UL Voltage Rating
300 V RMS

**Mechanical Characteristics**
**Temperature**

UL Temperature	Operating
105°C	-20°C To +105°C

**Bend Radius**

Stationary Min.	Installation Min.
3.77 in (95.8 mm)	3.77 in (95.8 mm)

Max. Pull Tension:	304 lbs (138 kg)
Bulk Cable Weight:	113 lbs/1000ft

**Standards and Compliance**

Environmental Suitability:	Indoor (Not Riser or Plenum), 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: 0.487 Revision Date: 09-07-2025

## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
5002U1 0101000	Black	Reel	1,000 ft	612825155737	C

Footnote: C - CRATE REEL PUT-UP.

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