



**Product:** [5300UH](#)

Security & Sound, 2 Conductor 18 AWG, TC, Riser

### Product Description

Security & Commercial Audio Cable, 2 Conductor 18 AWG stranded (7x26) tinned copper conductors with polyolefin insulation, Riser, PVC jacket with ripcord.

### Technical Specifications

#### Product Overview

Suitable Applications:	Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits
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#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Conductors
18	7x26	TC - Tinned Copper	2

Conductor Count:	2
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##### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

##### Color Chart

Number	Color
1	Black
2	Red

##### Outer Shield

Material
No Shield

##### Outer Jacket

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Conductor
21.5 pF/ft

##### Inductance

Nominal Inductance
0.145 $\mu$ H/ft

##### Current

**Max. Recommended Current [A]**

5 Amps per Conductor at 25°C

**Voltage****UL Voltage Rating**

300 V RMS

**Temperature Range**

UL Temp Rating:	75°C
Operating Temperature Range:	-20°C To +75°C

**Mechanical Characteristics**

Bulk Cable Weight:	15 lbs/1000ft
Max. Pull Tension:	45 lbs
Min. Bend Radius/Minor Axis:	1.75 in

**Standards**

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG

**Applicable Environmental and Other Programs**

Environmental Space:	Indoor - Riser
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

**Flammability, LSOH, Toxicity Testing**

UL Flammability:	UL1666 Vertical Shaft
UL voltage rating:	300 V RMS

**Plenum/Non-Plenum**

Plenum (Y/N):	N
Plenum Number:	6300UH

**Related Part Numbers****Variants**

Item #	Color	Put-Up Type	Length	UPC
5300UH 0101000	Black	Reel	1,000 ft	612825159278
5300UH 010U1000	Black	UnReel	1,000 ft	612825421559
5300UH 010Z1000	Black	Reel/Tuff Box	1,000 ft	612825159360
5300UH 0081000	Gray	Reel	1,000 ft	612825159247
5300UH 008U1000	Gray	UnReel	1,000 ft	612825159261
5300UH 009U1000	White	UnReel	1,000 ft	612825159285

**History**

Update and Revision:	Revision Number: 0.237 Revision Date: 11-09-2022
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