




**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

Material
No Shield

##### Outer Jacket Material

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 Temp 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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01

**Flammability, LSOH, Toxicity Testing**

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Vertical Shaft
UL voltage rating:	300 V RMS

**Plenum/Non-Plenum**

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

**Part Number****Variants**

Item #	Color	Putup Type	Length	UPC
5300UH 0101000	Black	Reel	1,000 ft	612825159278
5300UH 010U1000	Black	UnReel	1,000 ft	612825421559
5300UH 010Z1000	Black	ReelTuff 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: 0.154 Revision Date: 06-24-2020
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