



**Part Number: 5200UH**

Security & Sound, 2 Conductor 16 AWG, TC, Riser

## Product Description

Security & Commercial Audio Cable, 2 Conductor 16 AWG stranded (19x29) tinned copper conductors with polyolefin insulation, Riser, PVC jacket with ripcord.

## Technical Specifications

### Product Overview

Environmental Space:	Indoor - Riser
Suitable Applications:	Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
16	19x29	TC - Tinned Copper	2

Conductor Count:	2
Conductor Size:	16 AWG

#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

#### Color Chart

Number	Color
1	Black
2	Red

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
4.2 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor
23 pF/ft

Shielding:	Unshielded
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#### Inductance

Nominal Inductance
0.14 $\mu$ H/ft

#### Current

**Max. Recommended Current [A]**

Per conductor @ 25°C ambient: 6.25 A

**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:	24 lbs/1000ft
Max Recommended Pulling Tension:	59 lbs
Min Bend Radius/Minor Axis:	2.0 in

**Standards**

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

**Applicable Environmental and Other Programs**

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
CA Prop 65 (CJ for Wire & Cable):	Yes

**Suitability**

Suitability - Indoor:	Yes
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**Flammability, LS0H, Toxicity Testing**

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

**Plenum/Non-Plenum**

Plenum (Y/N):	No
Plenum Number:	6200UH

**Part Number****Variants**

Item #	Color
5200UH 0101000	Black
5200UH 010U1000	Black
5200UH 0081000	Gray
5200UH 008500	Gray
5200UH 008U1000	Gray
5200UH 008U500	Gray
5200UH 009U1000	White

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