




**Product:** [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**

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

**Conductor**

AWG	Stranding	Material	No. of Conductors
16	19x29	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
4.2 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor
23 pF/ft

**Inductance**

Nominal Inductance
0.14 $\mu$ H/ft

**Current**

**Max. Recommended Current [A]**

6.25 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:	24 lbs/1000ft
Max. Pull Tension:	59 lbs
Min Bend Radius/Minor Axis:	2.0 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

**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	Putup Type	Length	UPC
5200UH 0101000	Black	Reel	1,000 ft	612825157526
5200UH 010U1000	Black	UnReel	1,000 ft	612825157595
5200UH 008500	Gray	Reel	500 ft	612825157472
5200UH 008U500	Gray	UnReel	500 ft	612825157519
5200UH 0081000	Gray	Reel	1,000 ft	612825157502
5200UH 008U1000	Gray	UnReel	1,000 ft	612825157489
5200UH 009U1000	White	UnReel	1,000 ft	612825157533

**History**

Update and Revision:	Revision Number: 0.155 Revision Date: 06-24-2020
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