




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 μ 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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