



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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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	16 AWG	19x29	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.075 in (1.9 mm)	Black, Red

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.184 in	Yes

Overall Cable Diameter (Nominal):	0.184 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
4.2 Ohm/1000ft	23 pF/ft (75 pF/m)	0.14 μ H/ft (0.46 μ H/m)	6.25 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	0°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
1.84 in (46.7 mm)	1.84 in

Max. Pull Tension:	80 lbs (36 kg)
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Bulk Cable Weight:	23 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, FT4
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6200UH

History

Update and Revision:	Revision Number: 0.245 Revision Date: 09-07-2025
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Part Numbers

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

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