



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
No Shield

Outer Jacket

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 µH/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 Temperature 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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1666 Vertical Shaft
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

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

Related Part Numbers

Variants

Item #	Color	Put-Up 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: 0.239 Revision Date: 02-15-2024
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