



Part Number: 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

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

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	7x26	TC - Tinned Copper	2
Conductor Count:			2
Conductor Size:			18 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

Construction and Dimensions

Cabling

Lay Length
3.5 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
21.5 pF/ft

Shielding:	Unshielded
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Inductance

Nominal Inductance
0.145 µH/ft

Current

Max. Recommended Current [A]
Per conductor @ 25°C: 5 A

Voltage

UL Voltage Rating
300V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	15 lbs/1000ft
Max Recommended Pulling Tension:	45 lbs
Min Bend Radius/Minor Axis:	1.75 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

Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Vertical Shaft
UL Voltage Rating:	300 V RMS

Plenum/Non-Plenum

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

Part Number

Variants

Item #	Color
5300UH 0101000	BLACK
5300UH 010U1000	BLACK
5300UH 0081000	GRAY
5300UH 008U1000	GRAY
5300UH 009U1000	WHITE

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