



Product: [5400UH](#)

Security & Sound, 2 Conductor 20 AWG, TC, CMR

Product Description

Security & Commercial Audio Cable, 2 Conductor 20 AWG stranded (7x28) tinned copper conductors with polyolefin insulation, PVC jacket with ripcord, Riser rated.

Technical Specifications

Product Overview

Suitable Applications:	Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, Single Line Telephone
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
20	7x28	BC - Bare Copper	0.036 in	2

Conductor Count:	2
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Insulation

Material	Nominal Diameter
PP - Polypropylene	0.052 in

Color Chart

Number	Color
1	Black
2	Red

Outer Shield

Material
No Shield

Outer Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.138 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
10.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
18.5 pF/ft

Inductance

Nominal Inductance
0.18 μ H/ft

Current

Max. Recommended Current [A]

3.75 Amps per Conductor at 25°C

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-5°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	11 lbs/1000ft
Max. Pull Tension:	22 lbs
Min. Bend Radius/Minor Axis:	1.40 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	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:	Yes

Suitability

Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes

Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Vertical Shaft

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6400UH

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
5400UH 0081000	Gray	Reel	1,000 ft	612825162001
5400UH 008U1000	Gray	UnReel	1,000 ft	612825162049

Product Notes

Notes:	Print legend includes sequential footage marks. Rip cord under jacket.
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History

Update and Revision:	Revision Number: 0.119 Revision Date: 12-15-2021
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