



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
------------------------	---

Physical Characteristics (Overall)

Conductor

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

Conductor Count:	2
------------------	---

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 Temperature 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, LS0H, Toxicity Testing

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.
--------	--

History

Update and Revision:	Revision Number: 0.126 Revision Date: 02-03-2025
----------------------	--

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.