



Product: [5401UH](#)

Security & Sound, 3 Conductor 20 AWG, TC, CMR

Product Description

Security & Commercial Audio Cable, 3 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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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Triad(s)	1	20 AWG	7x28	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Triad(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.054 in (1.4 mm)	Black & Red & White

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.146 in	Yes

Overall Cable Diameter (Nominal):	0.146 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
11.1 Ohm/1000ft	20 pF/ft (66 pF/m)	3.75 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
1.46 in (37.1 mm)	1.46 in

Max. Pull Tension:	37.8 lbs (17.1 kg)
Bulk Cable Weight:	15 lbs/1000ft

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 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:	6401UH

History

Update and Revision:	Revision Number: 0.58 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
5401UH 0081000	Gray	Reel	1,000 ft	612825162216

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