



Product: [5502UH](#)

Security & Sound, 4 Conductor 22 AWG, TC, CMR

### Product Description

Security & Sound Cable, 4 Conductor 22 AWG stranded (7x30) 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, and Single Line Telephone.
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#### Construction Details

##### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	4	22 AWG	7x30	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.0085 in (0.22 mm)	0.046 in (1.2 mm)	Black, Red, White, Green

##### Outer Shield

Material
No Shield

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.141 in	Yes

Overall Cable Diameter (Nominal): 0.141 in

#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
17.9 Ohm/1000ft	17 pF/ft (56 pF/m)	2.2 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.
1.41 in (35.8 mm)	1.41 in

Max. Pull Tension: 36.4 lbs (16.5 kg)

Bulk Cable Weight:	14 lbs/1000ft
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## 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:	6502UH

## History

Update and Revision:	Revision Number: 0.57 Revision Date: 12-20-2022
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
5502UH 0081000	Gray	Reel	1,000 ft	612825163671
5502UH 008U1000	Gray	UnReel	1,000 ft	612825163695
5502UH 009U1000	White	UnReel	1,000 ft	612825164029

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