




**Product:** [5500UH](#) 

Security & Sound, #22-2c, TC, Unshielded, CMR

### Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-22 AWG stranded tinned copper conductors with polyolefin insulation, PVC jacket with ripcord

### 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	No. of Conductors
22	7x30	TC - Tinned Copper	2

Conductor Count:	2
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##### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PP - Polypropylene	0.045 in	0.008 in

##### Color Chart

Number	Color
1	Black
2	Red

##### Outer Shield Material

Material
No Shield

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.123 in	0.017 in

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR
16.1 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Conductor
17 pF/ft

##### Inductance

Nominal Inductance
0.17 $\mu$ H/ft

##### Current

**Max. Recommended Current [A]**

2.8 Amps per Conductor at 25°C

**Voltage****UL Voltage Rating**

300 V RMS

**Temperature Range**

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

**Mechanical Characteristics**

Bulk Cable Weight:	8 lbs/1000ft
Max. Pull Tension:	18.2 lbs
Min Bend Radius/Minor Axis:	1.25 in

**Standards**

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

**Applicable Environmental and Other Programs**

Environmental Space:	Indoor - Riser
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01

**Suitability**

Suitability - Aerial:	No
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes
Suitability - Outdoor:	No
Suitability - Sunlight Resistance:	No

**Flammability, LS0H, Toxicity Testing**

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Vertical Shaft
UL voltage rating:	300 V RMS

**Plenum/Non-Plenum**

Plenum (Y/N):	No
Plenum Number:	6500UH

**Part Number****Variants**

Item #	Color	Putup Type	Length	UPC
5500UH 0081000	Gray	Reel	1,000 ft	612825163138
5500UH 008U1000	Gray	UnReel	1,000 ft	612825163176

**History**

Update and Revision:	Revision Number: 0.88 Revision Date: 06-24-2020
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