



**Product:** [5502U1](#)

Security & Sound, #22-4c, TC, CM, Water-Blocked

## Product Description

Security & Sound Cable, Rated-CM, 4-22 AWG stranded tinned copper conductors with PVC insulation, Waterblocking tape, PVC jacket with ripcord

## Technical Specifications

### Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls, Wet Location, Below-Grade Duct
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	4

Conductor Count:	4
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#### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.010 in

#### Color Chart

Number	Color
1	Black
2	Red
3	White
4	Green

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
PVC - Polyvinyl Chloride	0.206 in	0.025 in	Waterblocking Tape

### Electrical Characteristics

#### Conductor DCR

<b>Nominal Conductor DCR</b>
16.2 Ohm/1000ft

#### Current

<b>Max. Recommended Current [A]</b>
2.2 Amps per Conductor at 25°C

#### Voltage

<b>Voltage Rating [V]</b>
300V RMS

### Temperature Range

UL Temp Rating:	105°C
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Operating Temp Range:	-20°C To +105°C
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## Mechanical Characteristics

Max. Pull Tension:	36.4 lbs
Min Bend Radius/Minor Axis:	2 in

## Standards

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

## Applicable Environmental and Other Programs

Environmental Space:	Outdoor - Water Exposure
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	Yes
EU CE Mark:	Yes
EU REACH SVHC Compliance (yyyy-mm-dd):	2019-06-20
EU RoHS Compliance Date (yyyy-mm-dd):	2019-06-20

## Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

## Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT1
UL Flammability:	UL 1685 UL loading

## Part Number

### Variants

Item #	Color	Putup Type	Length
5502U1 0101000	Black	Reel	1,000 ft

## History

Update and Revision:	Revision Number: 0.17 Revision Date: 06-24-2020
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