




**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
------------------------	---

### Physical Characteristics (Overall)

#### Conductor

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

Conductor Count:	4
------------------	---

#### 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
-----------------	-------

Operating Temp Range:	-20°C To +105°C
-----------------------	-----------------

## 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
----------------------	---

© 2020 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.