



**Product:** [5504F1](#)

Security & Sound, #22-6c, TC, Shielded, CM, Water-Blocked

### Product Description

Security & Sound Cable, Rated-CM, 6-22 AWG stranded tinned copper conductors with PVC insulation, waterblocking tape, Beldfoil® shield and PVC jacket with ripcord

### Technical Specifications

#### Product Overview

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

##### Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	6

Conductor Count:	6
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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
5	Brown
6	Blue

##### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	24

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
PVC - Polyvinyl Chloride	0.247 in	0.025 in	Waterblocking Tape

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
16.4 Ohm/1000ft	16.7 Ohm/1000ft

##### Current

Max. Recommended Current [A]
2 Amps per Conductor at 25°C

## Voltage

### UL Voltage Rating

300 V RMS

## Temperature Range

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

## Mechanical Characteristics

Bulk Cable Weight:	30 lbs/1000ft
Max. Pull Tension:	60.1 lbs
Min Bend Radius/Minor Axis:	2.5 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):	2019-05-03
EU RoHS Compliance Date (yyyy-mm-dd):	2019-05-03

## Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

## Flammability, LS0H, Toxicity Testing

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

## Part Number

### Variants

Item #	Color	Putup Type	Length
5504F1 0101000	Black	Reel	1,000 ft

## History

Update and Revision:	Revision Number: 0.18 Revision Date: 08-25-2020
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