



**Product:** [5504U1](#)

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

**Product Description**  
Security & Sound Cable, Rated-CM, 6-22 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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**Construction Details**

**Conductor**

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	6	22 AWG	7x30	TC - Tinned Copper

**Insulation**

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	0.051 in (1.3 mm)	Black, Red, White, Green, Brown, Blue

**Outer Shield**

Material
No Shield

**Outer Jacket**

Separator	Material	Nom. Thickness	Nom. Diameter	Ripcord
Waterblocking Tape	PVC - Polyvinyl Chloride	0.025 in (0.64 mm)	0.227 in	Yes

Overall Cable Diameter (Nominal):	0.227 in
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**Electrical Characteristics**

**Electricals**

Nom. Conductor DCR	Max. Current
17.9 Ohm/1000ft	2 Amps per Conductor at 25°C

**Voltage**

UL Voltage Rating
300 V

**Mechanical Characteristics**

**Temperature**

UL Temperature	Operating
105°C	-30°C To +105°C

**Bend Radius**

Stationary Min.	Installation Min.
2.27 in (57.7 mm)	2.27 in

Max. Pull Tension:	54.6 lbs (24.8 kg)
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Bulk Cable Weight:	28 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Outdoor - Water Exposure, Indoor, Outdoor
Flammability / Reaction to Fire:	UL1685 UL Loading
NEC / UL Compliance:	Article 800, CM
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE), REACH: 2019-06-20
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.36 Revision Date: 11-23-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length
5504U1 0101000	Black	Reel	1,000 ft

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