



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: 0.37 Revision Date: 09-07-2025
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Part Numbers

Variants

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

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