



Product: [5202U1](#)

Security & Sound, #16-4c, TC, CMG, Water-blocked

Product Description

Security & Sound Cable, CMG, 4-16 AWG stranded tinned copper conductors with PVC, Waterblocking tape and 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)	4	16	7x24	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.09 in (2.3 mm)	Black, White, Red, Green

Waterblocking:	Waterblock Tape
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Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter
Waterblocking Tape	PVC - Polyvinyl Chloride	0.042 in (1.1 mm)	0.337 in (8.56 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
4.35 Ohm/1000ft	33 pF/ft (110 pF/m)	9 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.
3.37 in (85.6 mm)	3.37 in

Max. Pull Tension:	142 lbs (64.4 kg)
Bulk Cable Weight:	67 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance, Oil Resistance, Burial
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, IEEE 1202 Vertical Tray Flame Test
NEC / UL Compliance:	Article 725, Article 760, Article 800, CMG, FPL, PLTC
CEC / C(UL) Compliance:	CMG
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.423 Revision Date: 08-21-2023
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Part Numbers

Variants

Item #	Color	UPC	Footnote
5202U1 0101000	Black	612825158172	C

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