



Product: [5502UG](#)

Security & Sound, #22-4c, BC, CM

**Product Description**

Security & Sound Cable, Rated-CM, 4-22 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket

**Technical Specifications**

**Product Overview**

Suitable Applications:	Security System, Alarm, Intercom/PA, Single Line Telephone
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**Construction Details**

Conductor				
Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	22 AWG	7x30	BC - Bare Copper

Insulation				
Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.007 in (0.18 mm)	0.042 in (1.1 mm)	Black, Red, White, Green

**Outer Shield**

Material
No Shield

Outer Jacket				
Material	Nom. Thickness	Nom. Diameter	Ripcord	
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.131 in	Yes	

Overall Cable Diameter (Nominal):	0.131 in
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**Electrical Characteristics**

Electricals			
Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	16.2 Ohm/1000ft	20 pF/ft (66 pF/m)	2.2 Amps per Conductor at 25°C

Voltage
UL Voltage Rating
300 V

**Mechanical Characteristics**

Temperature	
UL Temperature	Operating
75°C	-20°C To +75°C

Bend Radius	
Stationary Min.	Installation Min.
1.31 in (33.3 mm)	1.31 in

Max. Pull Tension:	36.4 lbs (16.5 kg)
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Bulk Cable Weight:	13 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor
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 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: 0.294 Revision Date: 05-05-2023
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Part Numbers

Variants

Item #	Color	UPC
5502UG U4FC500	Beige U4F	612825163442
5502UG U4FU1000	Beige U4F	612825163459
5502UG 006C1000	Blue, Light	612825163541
5502UG 006C500	Blue, Light	612825163558
5502UG 006U1000	Blue, Light	612825163565
5502UG 001C500	Brown	612825163466
5502UG 001U1000	Brown	612825163473
5502UG 008C1000	Gray	612825163602
5502UG 008C500	Gray	612825163619
5502UG 008U1000	Gray	612825163626
5502UG 008U500	Gray	612825163633
5502UG 005C1000	Green, Dark	
5502UG 005C500	Green, Dark	612825163534
5502UG 003C1000	Orange	612825163480
5502UG 003C500	Orange	612825163497
5502UG 007C1000	Violet	612825163572
5502UG 007C500	Violet	612825163589
5502UG 007U1000	Violet	612825163596
5502UG 009C1000	White	612825163640
5502UG 009C500	White	612825163657
5502UG 009U1000	White	612825163664
5502UG 004C1000	Yellow	612825163503
5502UG 004C500	Yellow	612825163510
5502UG 004U1000	Yellow	612825163527

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