



Product: [5500UG](#)

Security & Sound, #22-2c, BC, CM

Product Description

Security & Sound Cable, Rated-CM, 2-22 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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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	BC - Bare Copper	2

Conductor Count:	2
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Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

Color Chart

Color
Black
Red

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.114 in	0.015 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16.1 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
20 pF/ft

Inductance

Nominal Inductance
0.155 μ H/ft

Current

Max. Recommended Current [A]

2.8 Amps per Conductor at 25°C

Voltage**UL Voltage Rating**

300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	7.3 lbs/1000ft
Max. Pull Tension:	18.2 lbs
Min Bend Radius/Minor Axis:	1.2 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CM
CEC/C(UL) Compliance:	CM

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 UL Loading
CSA Flammability:	FT1
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number**Variants**

Item #	Color	Putup Type	Length	UPC
5500UG U4FU500	Beige U4F	UnReel	500 ft	612825162933
5500UG U4FC1000	Beige U4F	Coil	1,000 ft	612825162926
5500UG 006C500	Blue, Light	Coil	500 ft	612825365839
5500UG 006U500	Blue, Light	UnReel	500 ft	612825163046
5500UG 001C500	Brown	Coil	500 ft	612825162957
5500UG 001C1000	Brown	Coil	1,000 ft	612825162940
5500UG 008C500	Gray	Coil	500 ft	612825163091
5500UG 008C1000	Gray	Coil	1,000 ft	612825163084
5500UG 008U1000	Gray	UnReel	1,000 ft	612825337188
5500UG 005C500	Green, Dark	Coil	500 ft	612825163022
5500UG 005U500	Green, Dark	UnReel	500 ft	612825163039
5500UG 005C1000	Green, Dark	Coil	1,000 ft	612825163015
5500UG 003C500	Orange	Coil	500 ft	612825162964
5500UG 003U500	Orange	UnReel	500 ft	612825162971
5500UG 007C500	Violet	Coil	500 ft	612825163060
5500UG 007U500	Violet	UnReel	500 ft	612825163077
5500UG 007C1000	Violet	Coil	1,000 ft	612825163053

5500UG 009C500	White	Coil	500 ft	612825163114
5500UG 009C1000	White	Coil	1,000 ft	612825163107
5500UG 009U1000	White	UnReel	1,000 ft	612825163121
5500UG 004C500	Yellow	Coil	500 ft	612825162995
5500UG 004U500	Yellow	UnReel	500 ft	612825163008
5500UG 004C1000	Yellow	Coil	1,000 ft	612825162988

History

Update and Revision:	Revision Number: 0.217 Revision Date: 06-24-2020
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