



Part Number: 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

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
Unshielded

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 @ 25°C A

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 Recommended Pulling Tension:	18.2 lbs
Min Bend Radius/Minor Axis:	1.2 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, 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	UPC	Length
5500UG U4FC1000	Beige U4F	612825162926	1,000 ft
5500UG U4FU500	Beige U4F	612825162933	500 ft
5500UG 006C500	Blue, Light	612825365839	500 ft
5500UG 006U500	Blue, Light	612825163046	500 ft
5500UG 001C1000	Brown	612825162940	1,000 ft
5500UG 001C500	Brown	612825162957	500 ft
5500UG 008C1000	Gray	612825163084	1,000 ft
5500UG 008C500	Gray	612825163091	500 ft
5500UG 008U1000	Gray	612825337188	1,000 ft
5500UG 005C1000	Green, Dark	612825163015	1,000 ft
5500UG 005C500	Green, Dark	612825163022	500 ft
5500UG 005U500	Green, Dark	612825163039	500 ft
5500UG 003C500	Orange	612825162964	500 ft
5500UG 003U500	Orange	612825162971	500 ft
5500UG 007C1000	Violet	612825163053	1,000 ft
5500UG 007C500	Violet	612825163060	500 ft
5500UG 007U500	Violet	612825163077	500 ft
5500UG 009C1000	White	612825163107	1,000 ft
5500UG 009C500	White	612825163114	500 ft
5500UG 009U1000	White	612825163121	1,000 ft

5500UG 004C1000	Yellow	612825162988	1,000 ft
5500UG 004C500	Yellow	612825162995	500 ft
5500UG 004U500	Yellow	612825163008	500 ft

History

Update and Revision:	Revision Number: 0.205 Revision Date: 08-22-2019
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