




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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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	BC - Bare Copper	4

Conductor Count:	4
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Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

Color Chart

Color
Black
Red
White
Green

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.131 in	0.015 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
20 pF/ft

Current

Max. Recommended Current [A]
2.2 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:	12 lbs/1000ft
Max. Pull Tension:	36.4 lbs
Min Bend Radius/Minor Axis:	1.3 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	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

History

Update and Revision:	Revision Number: 0.213 Revision Date: 06-24-2020
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