


Product: [5522UG](#) 



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

Product Description

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

Technical Specifications

Product Overview

Suitable Applications:	Nurse call, security, alarm
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
22	Solid	BC - Bare Copper	0.026 in	4

Conductor Count:	4
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Insulation

Material	Nominal Diameter
PP - Polypropylene	0.038 in

Color Chart

Number	Color
1	Black
2	Red
3	White
4	Green

Outer Jacket Material

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.122 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
15.7 Ohm/1000ft

Current

Max. Recommended Current [A]
2.2 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Operating Temp Range:	-25°C To +75°C
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Mechanical Characteristics

Bulk Cable Weight:	12 lbs/1000ft
Max. Pull Tension:	27 lbs
Min. Bend Radius/Minor Axis:	1.2 in

Standards

NEC/(UL) Compliance:	CM
CEC/C(UL) Compliance:	CM

Applicable Environmental and Other Programs

Environmental Space:	Indoor Rated (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Aerial:	Yes - Black only, when supported by messenger wire
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes - Black only

Flammability, LSOH, Toxicity Testing

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

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Put-Up Type	Length	UPC
5522UG 009C500	White	Coil	500 ft	612825164753

Product Notes

Notes:	Electrical values are expected performance based on cable testing and representative performance within a typical Belden system. Ripcord under jacket
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History

Update and Revision:	Revision Number: 0.362 Revision Date: 08-27-2021
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