



**Product:** [5582UG](#)

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:	Security System, Alarm, Intercom/PA, Single Line Telephone, Station Wire
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### Physical Characteristics (Overall)

#### Conductor

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

Conductor Count:	4
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#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.006 in

#### Color Chart

Color
Black
Red
Yellow
Green

#### Outer Shield

Material
No Shield

#### Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.122 in	0.015 in

### 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

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

## Mechanical Characteristics

Bulk Cable Weight:	13 lbs/1000ft
Max. Pull Tension:	31.2 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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	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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## Related Part Numbers

### Variants

Item #	Color	UPC
5582UG U4FC1000	Beige U4F	612825164593
5582UG U4FC500	Beige U4F	612825164609
5582UG U4FU1000	Beige U4F	612825164616
5582UG 001C500	Brown	612825164623
5582UG 008C1000	Gray	612825164630
5582UG 008C500	Gray	612825164647
5582UG 009C1000	White	612825164654
5582UG 009C500	White	612825164661
5582UG 009U1000	White	612825164678

## History

Update and Revision:	Revision Number: 0.295 Revision Date: 05-05-2023
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