

## 5582UG Multi-Conductor - Residential, Light Commercial and Institutional Applications



For more Information  
please call

1-800-Belden1



### General Description:

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

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
4	22	Solid	BC - Bare Copper

Total Number of Conductors: 4

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.1524

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.381

#### Overall Cable

##### Overall Cabling Color Code Chart:

Color
Black
Red
Yellow
Green

Overall Nominal Diameter: 3.099 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 19.347 Kg/Km

Max. Recommended Pulling Tension: 138.784 N

Min. Bend Radius/Minor Axis: 30.480 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CM

NEC Articles: 800

METRIC MEASUREMENT VERSION

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CEC/C(UL) Specification:	CM
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

### Flame Test

UL Flame Test:	UL1685 UL Loading
CSA Flame Test:	FT1

### Plenum/Non-Plenum

Plenum (Y/N):	No
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## Electrical Characteristics (Overall)

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

51.5117

### Max. Operating Voltage - UL:

Voltage

300 V RMS

### Max. Recommended Current:

Current

2.2 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5582UG U4FC1000	305 MT	5.443 KG	BEIGE U4F		4 #22 PP FRPVC
5582UG U4FC500	152 MT	2.722 KG	BEIGE U4F		4 #22 PP FRPVC
5582UG U4FU1000	305 MT	5.897 KG	BEIGE U4F		4 #22 PP FRPVC
5582UG 001C500	152 MT	2.722 KG	BROWN		4 #22 PP FRPVC
5582UG 008C1000	305 MT	5.443 KG	GRAY		4 #22 PP FRPVC
5582UG 008C500	152 MT	2.722 KG	GRAY		4 #22 PP FRPVC
5582UG 009C1000	305 MT	5.443 KG	WHITE		4 #22 PP FRPVC
5582UG 009C500	152 MT	2.722 KG	WHITE		4 #22 PP FRPVC
5582UG 009U1000	305 MT	5.897 KG	WHITE		4 #22 PP FRPVC

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