

## 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 (in.) |
|---------------------|----------------------|
| PP - Polypropylene  | .006                 |

**Outer Shield**

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded            |

**Outer Jacket**

Outer Jacket Material:

| Outer Jacket Material    | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .015                      |

**Overall Cable**

Overall Cabling Color Code Chart:

| Color  |
|--------|
| Black  |
| Red    |
| Yellow |
| Green  |

Overall Nominal Diameter:

0.122 in.

**Mechanical Characteristics (Overall)**

|                                   |                 |
|-----------------------------------|-----------------|
| Operating Temperature Range:      | -20°C To +75°C  |
| UL Temperature Rating:            | 75°C            |
| Bulk Cable Weight:                | 13 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 31.200 lbs.     |
| Min. Bend Radius/Minor Axis:      | 1.200 in.       |

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

|                                       |            |
|---------------------------------------|------------|
| NEC(UL) Specification:                | CM         |
| NEC Articles:                         | 800        |
| 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        |

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|                                |     |
|--------------------------------|-----|
| 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 |
|---------------|----|

## Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15.7

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 | 1,000 FT | 12.000 LB   | BEIGE U4F |       | 4 #22 PP FRPVC |
| 5582UG U4FC500  | 500 FT   | 6.000 LB    | BEIGE U4F |       | 4 #22 PP FRPVC |
| 5582UG U4FU1000 | 1,000 FT | 13.000 LB   | BEIGE U4F |       | 4 #22 PP FRPVC |
| 5582UG 001C500  | 500 FT   | 6.000 LB    | BROWN     |       | 4 #22 PP FRPVC |
| 5582UG 008C1000 | 1,000 FT | 12.000 LB   | GRAY      |       | 4 #22 PP FRPVC |
| 5582UG 008C500  | 500 FT   | 6.000 LB    | GRAY      |       | 4 #22 PP FRPVC |
| 5582UG 009C1000 | 1,000 FT | 12.000 LB   | WHITE     |       | 4 #22 PP FRPVC |
| 5582UG 009C500  | 500 FT   | 6.000 LB    | WHITE     |       | 4 #22 PP FRPVC |
| 5582UG 009U1000 | 1,000 FT | 13.000 LB   | WHITE     |       | 4 #22 PP FRPVC |

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