




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

Physical Characteristics (Overall)

| Conductor | | | |
|------------------|-----------|------------------|-------------------|
| AWG | Stranding | Material | No. of Conductors |
| 22 | Solid | BC - Bare Copper | 4 |
| Conductor Count: | | 4 | |

| 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, LS0H, Toxicity Testing

| | |
|--------------------|-------------------|
| UL Flammability: | UL1685 UL Loading |
| CSA Flammability: | FT1 |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

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

© 2024 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable:](#)

[5582UG U4FC1000](#) [5582UG U4FU1000](#) [5582UG U4FC500](#) [5582UG 009C500](#) [5582UG 009C1000](#) [5582UG](#)
[009U1000](#) [5582UG 008C1000](#) [5582UG 001C500](#) [5582UG 008C500](#)