



Product: [5500UG](#)

Security & Sound, #22-2c, BC, CM

Product Description

Security & Sound Cable, Rated-CM, 2-22 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | Security System, Alarm, Intercom/PA, Single Line Telephone |
|------------------------|--|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|------------------|-------------------|
| 22 | 7x30 | BC - Bare Copper | 2 |

| | |
|------------------|---|
| Conductor Count: | 2 |
|------------------|---|

Insulation

| Material | Nominal Wall Thickness |
|--------------------|------------------------|
| PP - Polypropylene | 0.007 in |

Color Chart

| Color |
|-------|
| Black |
| Red |

Outer Shield Material

| Material |
|-----------|
| No Shield |

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.114 in | 0.015 in |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 16.1 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 20 pF/ft |

Inductance

| Nominal Inductance |
|--------------------|
| 0.155 μ H/ft |

Current

Max. Recommended Current [A]

2.8 Amps per conductor @ 25°C A

Voltage**UL Voltage Rating**

300 V RMS

Temperature Range

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

Mechanical Characteristics

| | |
|----------------------------------|----------------|
| Bulk Cable Weight: | 7.3 lbs/1000ft |
| Max Recommended Pulling Tension: | 18.2 lbs |
| Min Bend Radius/Minor Axis: | 1.2 in |

Standards

| | |
|--------------------------|-----|
| NEC Articles: | 800 |
| NEC/(UL) Specification: | CM |
| CEC/C(UL) Specification: | 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 II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01 |
| 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 |
|---------------|----|

Part Number**Variants**

| Item # | Color | Putup Type | Length | UPC |
|-----------------|-------------|------------|----------|--------------|
| 5500UG U4FU500 | Beige U4F | UnReel | 500 ft | 612825162933 |
| 5500UG U4FC1000 | Beige U4F | Coil | 1,000 ft | 612825162926 |
| 5500UG 006C500 | Blue, Light | Coil | 500 ft | 612825365839 |
| 5500UG 006U500 | Blue, Light | UnReel | 500 ft | 612825163046 |
| 5500UG 001C500 | Brown | Coil | 500 ft | 612825162957 |
| 5500UG 001C1000 | Brown | Coil | 1,000 ft | 612825162940 |
| 5500UG 008C500 | Gray | Coil | 500 ft | 612825163091 |
| 5500UG 008C1000 | Gray | Coil | 1,000 ft | 612825163084 |
| 5500UG 008U1000 | Gray | UnReel | 1,000 ft | 612825337188 |
| 5500UG 005C500 | Green, Dark | Coil | 500 ft | 612825163022 |
| 5500UG 005U500 | Green, Dark | UnReel | 500 ft | 612825163039 |
| 5500UG 005C1000 | Green, Dark | Coil | 1,000 ft | 612825163015 |
| 5500UG 003C500 | Orange | Coil | 500 ft | 612825162964 |
| 5500UG 003U500 | Orange | UnReel | 500 ft | 612825162971 |
| 5500UG 007C500 | Violet | Coil | 500 ft | 612825163060 |
| 5500UG 007U500 | Violet | UnReel | 500 ft | 612825163077 |
| 5500UG 007C1000 | Violet | Coil | 1,000 ft | 612825163053 |

| | | | | |
|-----------------|--------|--------|----------|--------------|
| 5500UG 009C500 | White | Coil | 500 ft | 612825163114 |
| 5500UG 009C1000 | White | Coil | 1,000 ft | 612825163107 |
| 5500UG 009U1000 | White | UnReel | 1,000 ft | 612825163121 |
| 5500UG 004C500 | Yellow | Coil | 500 ft | 612825162995 |
| 5500UG 004U500 | Yellow | UnReel | 500 ft | 612825163008 |
| 5500UG 004C1000 | Yellow | Coil | 1,000 ft | 612825162988 |

History

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| Update and Revision: | Revision Number: 0.215 Revision Date: 04-28-2020 |
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