



Product: [5500UE](#)

Security & Sound, 2 Conductor 22 AWG, BC, CMR

Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-22 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, Single Line Telephone |
|------------------------|---|

Physical Characteristics (Overall)

Conductor

| Element | AWG | Stranding | Material | No. of Conductors |
|--------------|-----|-----------|------------------|-------------------|
| Conductor(s) | 22 | 7x30 | BC - Bare Copper | 2 |

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

Insulation

| Element | Material | Nominal Diameter | Nominal Wall Thickness |
|--------------|--------------------|------------------|------------------------|
| Conductor(s) | PP - Polypropylene | 0.045 in | 0.008 in |

Color Chart

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | Red |

Outer Shield Material

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

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.123 in | 0.017 in | Yes |

Construction and Dimensions

Cabling

| Twists |
|---------------|
| 3.56 twist/ft |

Electrical Characteristics

Conductor DCR

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

Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 17 pF/ft |

Inductance

Nominal Inductance

0.17 µH/ft

Current

Max. Recommended Current [A]

2.8 Amps per conductor @ 25°C

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: | 8 lbs/1000ft |
| Max Recommended Pulling Tension: | 18.2 lbs |
| Min Bend Radius/Minor Axis: | 1.25 in |

Standards

| | |
|--------------------------|-----|
| NEC Articles: | 800 |
| NEC/(UL) Specification: | CMR |
| CEC/C(UL) Specification: | CMG |
| CPR Euroclass: | Eca |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|-------------------------------|
| Environmental Space: | Indoor - Riser |
| 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): | 2005-04-01 |
| MII Order #39 (China RoHS): | Yes |

Flammability, LS0H, Toxicity Testing

| | |
|-----------------------|-----------------------|
| C(UL) Flammability: | FT4 |
| UL Flammability: | UL1666 Vertical Shaft |
| ISO/IEC Flammability: | IEC 60332-1-2 |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

| | |
|----------------|--------|
| Plenum (Y/N): | No |
| Plenum Number: | 6500UH |

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC/EAN |
|-----------------|--------|--------------|----------|---------------|
| 5500UE.00152 | Chrome | Reel | 152 m | 8719605008596 |
| 5500UE.00305 | Chrome | Reel | 305 m | 8719605008602 |
| 5500UE 008500 | Gray | Reel | 500 ft | 612825162896 |
| 5500UE 008U500 | Gray | UnReel | 500 ft | 612825420033 |
| 5500UE 0081000 | Gray | Reel | 1,000 ft | 612825162919 |
| 5500UE 008U1000 | Gray | UnReel | 1,000 ft | 612825162902 |
| 5500UE 008Z1000 | Gray | ReelTuff Box | 1,000 ft | 612825163145 |
| 5500UE 005Z1000 | Green | ReelTuff Box | 1,000 ft | 612825337171 |

History

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| Update and Revision: | Revision Number: 0.283 Revision Date: 05-11-2020 |
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