



Product: [5504UE](#)

Security & Sound, #22-6c, BC, CMR

Product Description

Security & Sound Cable, Riser-CMR, 6-22 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls |
|------------------------|---|

Physical Characteristics (Overall)

Conductor

| Element | AWG | Stranding | Material | No. of Conductors |
|------------------|-----|-----------|------------------|-------------------|
| Conductor(s) | 22 | 7x30 | BC - Bare Copper | 6 |
| Conductor Count: | | | | 6 |

Insulation

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

Color Chart

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | Red |
| 3 | White |
| 4 | Green |
| 5 | Brown |
| 6 | Blue |

Outer Shield Material

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

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.168 in | 0.017 in | Yes |

Construction and Dimensions

Cabling

| Lay Direction | Twists |
|---------------|--------------|
| Left Hand | 4.8 twist/ft |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 16.2 Ohm/1000ft |

Capacitance

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

Current

| Element | Max. Recommended Current [A] |
|----------------------|-------------------------------|
| 10C Temperature Rise | 2 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: | 19 lbs/1000ft |
| Max Recommended Pulling Tension: | 54.6 lbs |
| Min Bend Radius/Minor Axis: | 1.625 in |

Standards

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

Applicable Environmental and Other Programs

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

Suitability

| | |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

Flammability, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

| | |
|----------------|--------|
| Plenum (Y/N): | No |
| Plenum Number: | 6504UE |

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC/EAN |
|-----------------|--------|------------|---------|---------------|
| 5504UE.00305 | Chrome | Reel | 305 m | 8719605008787 |
| 5504UE.001000 | Chrome | Reel | 1,000 m | 8719605008770 |
| 5504UE 0081000 | Gray | | | 612825163800 |
| 5504UE 008500 | Gray | | | 612825163817 |
| 5504UE 008C500 | Gray | | | |
| 5504UE 008U1000 | Gray | | | 612825163794 |
| 5504UE 009C500 | White | | | 612825163824 |
| 5504UE 009U1000 | White | | | 612825163831 |
| 5504UE 009U500 | White | | | 612825163848 |

| | |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
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History

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| Update and Revision: | Revision Number: 0.219 Revision Date: 05-11-2020 |
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