



**Product:** [5304UE](#)

Security & Sound, #18-6c, BC, CMR

## Product Description

Security & Sound Cable, Riser-CMR, 6-18 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) | 18  | 7x26      | BC - Bare Copper | 6                 |

|                  |   |
|------------------|---|
| Conductor Count: | 6 |
|------------------|---|

#### Insulation

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

#### Color Chart

| Color |
|-------|
| Black |
| Red   |
| White |
| Green |
| Brown |
| Blue  |

#### Outer Shield Material

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

#### Outer Jacket Material

| Material                 | Nominal Diameter | Nominal Wall Thickness | Ripcord |
|--------------------------|------------------|------------------------|---------|
| PVC - Polyvinyl Chloride | 0.22 in          | 0.017 in               | Yes     |

### Construction and Dimensions

#### Cabling

| Lay Direction | Twists       |
|---------------|--------------|
| Left Hand     | 3.2 twist/ft |

### Electrical Characteristics

#### Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 6.5 Ohm/1000ft        |

## Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 24 pF/ft                                |

## Current

| Element              | Max. Recommended Current [A] |
|----------------------|------------------------------|
| 10C Temperature Rise | Per conductor @ 25°C: 3.5 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:               | 41 lbs/1000ft |
| Max Recommended Pulling Tension: | 134.4 lbs     |
| Min Bend Radius/Minor Axis:      | 2.125 in      |

## Standards

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

## 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 2015/863/EU:             | 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 Riser  |
| ISO/IEC Flammability: | IEC 60332-1-2 |
| UL voltage rating:    | 300 V RMS     |

## Plenum/Non-Plenum

|                |        |
|----------------|--------|
| Plenum (Y/N):  | No     |
| Plenum Number: | 6304UE |

## Part Number

### Variants

| Item #          | Color  | Putup Type | Length | UPC/EAN       |
|-----------------|--------|------------|--------|---------------|
| 5304UE.00305    | Chrome | Reel       | 305 m  | 8719605008329 |
| 5304UE 0081000  | Gray   |            |        | 612825336907  |
| 5304UE 008500   | Gray   |            |        | 612825159902  |
| 5304UE 008U1000 | Gray   |            |        | 612825336891  |

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

## History

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