



**Product:** [5200UE](#)

Security & Sound, 2 Conductor 16 AWG, BC, CMR

## Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-16 AWG stranded bare copper conductors with polypropylene insulation, PVC jacket with ripcord

## Technical Specifications

### Product Overview

|                        |  |
|------------------------|--|
| Suitable Applications: | Data Circuits, Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits |
|------------------------|--|

### Construction Details

#### Conductor

| Element      | Number of Element | AWG | Stranding | Material         |
|--------------|-------------------|-----|-----------|------------------|
| Conductor(s) | 2                 | 16  | 19x29     | BC - Bare Copper |

#### Insulation

| Element      | Material           | Thickness [in.] | Color Code |
|--------------|--------------------|-----------------|------------|
| Conductor(s) | PP - Polypropylene | 0.008           | Black, Red |

#### Outer Jacket Material

| Material                 | Thickness | Nom. Diameter | Ripcord |
|--------------------------|-----------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.017 in  | 0.180 in      | Yes     |

|                           |          |
|---------------------------|----------|
| Cable Diameter (Nominal): | 0.180 in |
|---------------------------|----------|

### Electrical Characteristics

#### Electricals

| Element      | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current                   |
|--------------|--------------------|-------------------------------|--------------------------------|
| Conductor(s) | 4.2 Ohm/1000ft     | 23 pF/ft                      | 6.25 Amps per conductor @ 25°C |

#### Voltage

| UL Voltage Rating |
|-------------------|
| 300 V (CMR)       |

### Mechanical Characteristics

#### Temperature

| UL Rating | Operating      |
|-----------|----------------|
| 75°C      | -20°C to +75°C |

#### Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
| 2.0 in          | 1.8 in            |

|                    |               |
|--------------------|---------------|
| Max. Pull Tension: | 59 lbs        |
| Bulk Cable Weight: | 24 lbs/1000ft |

### Standards and Compliance

|                                 |   |
|---------------------------------|---|
| Environmental Suitability:      | Indoor - Riser, Indoor  |
| Flammability / Fire Resistance: | UL1666 Riser, FT4, IEC 60332-1-2  |
| NEC / UL Compliance:            | Article 800, CMR  |
| CEC / C(UL) Compliance:         | CMG   |
| CPR Euroclass:                  | Eca   |
| European Directive Compliance:  | EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance:                | China RoHS II (GB/T 26572-2011)   |
| Plenum Number:                  | 6200UH  |

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.319 Revision Date: 07-31-2020 |
|----------------------|--|

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