



Product: [5201UH](#)

Security & Sound, 3 Conductor 16 AWG, TC, CMR

Product Description

Security & Commercial Audio Cable, 3 Conductor 16 AWG stranded (19x29) tinned copper conductors with polyolefin insulation, PVC jacket with ripcord, Riser rated.

Technical Specifications

Product Overview

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

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | Nominal Diameter | No. of Conductors |
|-----|-----------|--------------------|------------------|-------------------|
| 16 | 19x29 | TC - Tinned Copper | 0.059 in | 3 |

| | |
|------------------|---|
| Conductor Count: | 3 |
|------------------|---|

Insulation

| Material | Nominal Diameter |
|--------------------|------------------|
| PP - Polypropylene | 0.075 in |

Color Chart

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | Red |
| 3 | White |

Outer Jacket Material

| Material | Nominal Diameter |
|--------------------------|------------------|
| PVC - Polyvinyl Chloride | 0.195 in |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 4.2 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 23.5 pF/ft |

Current

| Max. Recommended Current [A] |
|---------------------------------|
| 6.25 Amps per Conductor at 25°C |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V RMS |

Temperature Range

| | |
|-----------------------|---------------|
| UL Temp Rating: | 75°C |
| Operating Temp Range: | -5°C To +75°C |

Mechanical Characteristics

| | |
|------------------------------|---------------|
| Bulk Cable Weight: | 33 lbs/1000ft |
| Max. Pull Tension: | 85 lbs |
| Min. Bend Radius/Minor Axis: | 2 in |

Standards

| | |
|-----------------------|-----|
| NEC/(UL) Compliance: | CMR |
| CEC/C(UL) Compliance: | CMG |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/11/EC (BFR): | Yes |
| EU Directive 2011/65/EU (RoHS 2): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive Compliance: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-04-01 |

Suitability

| | |
|------------------------------------|-----|
| Suitability - Burial: | No |
| Suitability - Hazardous Locations: | No |
| Suitability - Indoor: | Yes |

Flammability, LSOH, Toxicity Testing

| | |
|---------------------|-----------------------|
| C(UL) Flammability: | FT4 |
| UL Flammability: | UL1666 Vertical Riser |

Plenum/Non-Plenum

| | |
|----------------|--------|
| Plenum (Y/N): | No |
| Plenum Number: | 6201UH |

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC |
|-----------------|-------|------------|----------|--------------|
| 5201UH 0081000 | Gray | Reel | 1,000 ft | 612825157830 |
| 5201UH 008U1000 | Gray | UnReel | 1,000 ft | 612825157984 |

Product Notes

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|--------|----------------------|
| Notes: | Ripcord under jacket |
|--------|----------------------|

History

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.46 Revision Date: 06-18-2021 |
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