



Product: [5300UH](#)

Security & Sound, 2 Conductor 18 AWG, TC, Riser

Product Description

Security & Commercial Audio Cable, 2 Conductor 18 AWG stranded (7x26) tinned copper conductors with polyolefin insulation, Riser, PVC jacket with ripcord.

Technical Specifications

Product Overview

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

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 18 | 7x26 | TC - Tinned Copper | 2 |

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

Insulation

| Material | Nominal Wall Thickness |
|--------------------|------------------------|
| PP - Polypropylene | 0.008 in |

Color Chart

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

Outer Shield

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

Outer Jacket

| Material | Nominal Wall Thickness |
|--------------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.017 in |

Electrical Characteristics

Conductor DCR

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

Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 21.5 pF/ft |

Inductance

| Nominal Inductance |
|--------------------|
| 0.145 μ H/ft |

Current

Max. Recommended Current [A]

5 Amps per Conductor at 25°C

Voltage**UL Voltage Rating**

300 V RMS

Temperature Range

| | |
|------------------------------|----------------|
| UL Temp Rating: | 75°C |
| Operating Temperature Range: | -20°C To +75°C |

Mechanical Characteristics

| | |
|------------------------------|---------------|
| Bulk Cable Weight: | 15 lbs/1000ft |
| Max. Pull Tension: | 45 lbs |
| Min. Bend Radius/Minor Axis: | 1.75 in |

Standards

| | |
|-----------------------|-------------|
| NEC Articles: | Article 800 |
| NEC/(UL) Compliance: | CMR |
| CEC/C(UL) Compliance: | CMG |

Applicable Environmental and Other Programs

| | |
|--|-------------------------------|
| Environmental Space: | Indoor - Riser |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2011/65/EU (RoHS 2): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive 2015/863/EU (RoHS 2 amendment): | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|-----------------------|
| UL Flammability: | UL1666 Vertical Shaft |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

| | |
|----------------|--------|
| Plenum (Y/N): | N |
| Plenum Number: | 6300UH |

Related Part Numbers**Variants**

| Item # | Color | Put-Up Type | Length | UPC |
|-----------------|-------|---------------|----------|--------------|
| 5300UH 0101000 | Black | Reel | 1,000 ft | 612825159278 |
| 5300UH 010U1000 | Black | UnReel | 1,000 ft | 612825421559 |
| 5300UH 010Z1000 | Black | Reel/Tuff Box | 1,000 ft | 612825159360 |
| 5300UH 0081000 | Gray | Reel | 1,000 ft | 612825159247 |
| 5300UH 008U1000 | Gray | UnReel | 1,000 ft | 612825159261 |
| 5300UH 009U1000 | White | UnReel | 1,000 ft | 612825159285 |

History

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| Update and Revision: | Revision Number: 0.237 Revision Date: 11-09-2022 |
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