



Part Number: 6500UH

Security & Commercial Audio Cable, 2 Conductor 22 AWG, Flamarrest® Jacket, CMP

Product Description

Security & Commercial Audio Cable, Plenum-CMP 2-22 AWG stranded tinned copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Environmental Space: | Indoor - Plenum |
| Suitable Applications: | Intercom/PA Systems and Sound/Audio Systems |

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Pairs |
|-----|-----------|--------------------|--------------|
| 22 | 7x30 | TC - Tinned Copper | 2 |

| | |
|------------------|--------|
| Conductor Count: | 2 |
| Conductor Size: | 22 AWG |

Insulation

| Material | Material Trade Name | Nominal Diameter |
|---------------------------------------|---------------------|------------------|
| LS PVC - Low Smoke Polyvinyl Chloride | Flamarrest® | 0.048 in |

Color Chart

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

Outer Shield Material

| Type | Material |
|------------|------------|
| Unshielded | Unshielded |

Outer Jacket Material

| Material | Nominal Diameter |
|---------------------------------------|------------------|
| LS PVC - Low Smoke Polyvinyl Chloride | 0.126 in |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 16.4 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor | |
|---|------------|
| 27 pF/ft | |
| Shielding: | Unshielded |

Current

| Max. Recommended Current [A] |
|-------------------------------|
| 2.8 Amps per conductor @ 25°C |

Voltage

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

Temperature Range

| | |
|-----------------------|--------------|
| UL Temp Rating: | 75°C |
| Operating Temp Range: | 0°C to +75°C |

Mechanical Characteristics

| | |
|----------------------------------|--------------|
| Bulk Cable Weight: | 9 lbs/1000ft |
| Max Recommended Pulling Tension: | 18.2 lbs |

Standards

| | |
|--------------------------|-----|
| NEC Articles: | 800 |
| NEC/(UL) Specification: | CMP |
| CEC/C(UL) Specification: | CMP |

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 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |

Suitability

| | |
|------------------------------------|-----|
| Suitability - Aerial: | No |
| Suitability - Burial: | No |
| Suitability - Hazardous Locations: | No |
| Suitability - Indoor: | Yes |
| Suitability - Outdoor: | No |
| Suitability - Sunlight Resistance: | No |

Flammability, LSOH, Toxicity Testing

| | |
|---------------------|-----------|
| C(UL) Flammability: | FT6 |
| UL Flammability: | NFPA 262 |
| UL voltage rating: | 300 V RMS |

Plenum/Non-Plenum

| | |
|---------------|-----|
| Plenum (Y/N): | Yes |
|---------------|-----|

Part Number

| | |
|--------------------|--------|
| Non-Plenum Number: | 5500UH |
|--------------------|--------|

Variants

| Item # | Color |
|-----------------|---------|
| 6500UH 8771000 | Natural |
| 6500UH 877U1000 | Natural |

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