Product: 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

Suitable Applications: Intercom/PA Systems and Sound/Audio Systems

Physical Characteristics (Overall)

Conductor

<table>
<thead>
<tr>
<th>AWG</th>
<th>Stranding</th>
<th>Material</th>
<th>No. of Pairs</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>7x30</td>
<td>TC - Tinned Copper</td>
<td>2</td>
</tr>
</tbody>
</table>

Conductor Count: 2

Insulation

<table>
<thead>
<tr>
<th>Material</th>
<th>Material Trade Name</th>
<th>Nominal Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC - Polyvinyl Chloride</td>
<td>Flamarrest®</td>
<td>0.048 in</td>
</tr>
</tbody>
</table>

Color Chart

<table>
<thead>
<tr>
<th>Number</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Black</td>
</tr>
<tr>
<td>2</td>
<td>Red</td>
</tr>
</tbody>
</table>

Outer Shield Material

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Shield</td>
<td>No Shield</td>
</tr>
</tbody>
</table>

Outer Jacket Material

<table>
<thead>
<tr>
<th>Material</th>
<th>Nominal Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC - Polyvinyl Chloride</td>
<td>0.126 in</td>
</tr>
</tbody>
</table>

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16.4 Ohms/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
27 pF/ft

Current

Max. Recommended Current [A]
2.8 Amps per Conductor at 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. Pull Tension: 18.2 lbs

**Standards**
- NEC Articles: Article 800
- NEC(UL) Compliance: CMP
- CEC(C(UL)) Compliance: CMP

**Applicable Environmental and Other Programs**
- Environmental Space: Indoor - Plenum
- 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 CE Mark: Yes
- EU RoHS Compliance Date (yyyy-mm-dd): 2005-04-01

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

**Flammability, LS0H, 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**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Color</th>
<th>Putup Type</th>
<th>Length</th>
<th>UPC</th>
</tr>
</thead>
<tbody>
<tr>
<td>6500UH 8771000</td>
<td>Natural</td>
<td>Reel</td>
<td>1,000 ft</td>
<td>612825177463</td>
</tr>
<tr>
<td>6500UH 877U1000</td>
<td>Natural</td>
<td>UnReel</td>
<td>1,000 ft</td>
<td>612825420095</td>
</tr>
<tr>
<td>6500UH 877Z1000</td>
<td>Natural</td>
<td>ReelTuff Box</td>
<td>1,000 ft</td>
<td>612825177494</td>
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</tbody>
</table>

**History**
- Update and Revision: Revision Number: 0.88 Revision Date: 06-24-2020