**Product: 5100UP**

Audio Cable, 2 Conductor 14 AWG, BC, Unshielded, CL3

### Product Description
Commercial Audio Cable, Rated-CL3, 2-14 AWG highly flexible stranded bare copper conductors with PVC insulation, PVC jacket with ripcord

### Technical Specifications

#### Product Overview
| Suitable Applications: | Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls |

#### Construction Details

##### Conductor

<table>
<thead>
<tr>
<th>Element</th>
<th>Number of Element</th>
<th>AWG</th>
<th>Stranding</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductor(s)</td>
<td>2</td>
<td>14</td>
<td>42x30</td>
<td>BC - Bare Copper</td>
</tr>
</tbody>
</table>

##### Insulation

<table>
<thead>
<tr>
<th>Element</th>
<th>Material</th>
<th>Thickness [in.]</th>
<th>Color Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductor(s)</td>
<td>PVC - Polyvinyl Chloride</td>
<td>0.020</td>
<td>Black, White</td>
</tr>
</tbody>
</table>

##### Outer Jacket Material

<table>
<thead>
<tr>
<th>Material</th>
<th>Thickness [in.]</th>
<th>Nom. Diameter</th>
<th>Ripcord</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC - Polyvinyl Chloride</td>
<td>0.018 in</td>
<td>0.266 in</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Cable Diameter (Nominal): 0.266 in

#### Electrical Characteristics

##### Electricals

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Conductor(s)</td>
<td>2.42 Ohm/1000 ft</td>
<td>29 pF/ft</td>
<td>22 Amps per conductor @ 25°C</td>
</tr>
</tbody>
</table>

##### Voltage

- UL Voltage Rating: 300 V (CL3)

#### Mechanical Characteristics

##### Temperature

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

##### Bend Radius

- Stationary Min.: 2.625 in
- Installation Min.: 2.7 in
- Max. Pull Tension: 109 lbs
- Bulk Cable Weight: 39 lbs/1000 ft

#### Standards and Compliance
Environmental Suitability: Indoor (Not Riser or Plenum), Indoor

Flammability / Fire Resistance: UL1685 (UL Loading), IEC 60332-1-2

NEC / UL Compliance: Article 725, CL3

CPR Euroclass: Eca


APAC Compliance: China RoHS II (GB/T 26572-2011)

History

Update and Revision: Revision Number: 0.300 Revision Date: 08-12-2020

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