Product: 6300UE
Security & Sound, 2 Conductor 18 AWG BC, CMP

Product Description
Security & Commercial Audio Cable, 2 Conductor 18 AWG stranded (7x26) bare copper conductors with Flamarrest® insulation, Plenum-CMP, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

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

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>18</td>
<td>7x26</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>0.009</td>
<td>Black, Red</td>
</tr>
</tbody>
</table>

Outer Jacket Material

<table>
<thead>
<tr>
<th>Material</th>
<th>Thickness</th>
<th>Nom. Diameter</th>
<th>Ripcord</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC - Polyvinyl Chloride</td>
<td>0.015 in</td>
<td>0.154 in</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Cable Diameter (Nominal): 0.154 in

Electrical Characteristics

Electricals

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Conductor(s)</td>
<td>6.5 Ohm/1000ft</td>
<td>34 pF/ft</td>
<td>5 Amps per conductor @ 25°C</td>
</tr>
</tbody>
</table>

Voltage

UL Voltage Rating

300 V (CMP)

Mechanical Characteristics

Temperature

UL Rating | Operating
----------|---------
75°C      | 0°C to +75°C

Bend Radius

<table>
<thead>
<tr>
<th>Stationary Min.</th>
<th>Installation Min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.55 in</td>
<td>1.5 in</td>
</tr>
</tbody>
</table>

Max. Pull Tension: 45 lbs

Bulk Cable Weight: 17 lbs/1000ft

Standards and Compliance
Environmental Suitability: Indoor - Plenum, Indoor
Flammability / Fire Resistance: NFPA 262, UL 910 (Plenum), FT6, IEC 60332-1-2
NEC / UL Compliance: Article 800, CMP
CEC / C(UL) Compliance: CMP
CPR Euroclass: Eca
APAC Compliance: China RoHS II (GB/T 26572-2011)
Non-Plenum Number: 5300UE

History

Update and Revision: Revision Number: 0.323 Revision Date: 08-12-2020