Product: 1172A

Microphone Cable, Star Quad, 4 C #26 Str BC, 95% TC French Braid, PVC Jkt, Flexible

Product Description
Microphone Cable, Star Quad, 4 Conductor 26 AWG (30 x 40) High Conductivity Bare Copper, PE Insulation, 95% Tinned Copper French Braid Shield, PVC Jacket, Flexible

Technical Specifications

Product Overview
Suitable Applications: Microphone, Low Noise for high-EMI environments; Line level balanced analog audio

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>4</td>
<td>26</td>
<td>30x40</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>PE - Polyethylene</td>
<td>0.013</td>
<td>Blue, White, Blue/White Stripe, White/Blue Stripe</td>
</tr>
</tbody>
</table>

Outer Shield Material

<table>
<thead>
<tr>
<th>Shield Type</th>
<th>Material</th>
<th>Coverage</th>
<th>Drainwire Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>French Braid</td>
<td>Tinned Copper (TC)</td>
<td>95%</td>
<td>28 AWG (19x40) BC</td>
<td>Paper tape under braid with drain over tape</td>
</tr>
</tbody>
</table>

Outer Jacket Material

<table>
<thead>
<tr>
<th>Material</th>
<th>Thickness</th>
<th>Nom. Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC - Polyvinyl Chloride</td>
<td>0.031 in</td>
<td>0.190 in</td>
</tr>
</tbody>
</table>

Cable Diameter (Nominal): 0.190 in

Electrical Characteristics

Electricals

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Conductor(s)</td>
<td>36 Ohm/1000ft</td>
<td>39.2 pF/ft</td>
<td>66%</td>
<td>1.9 Amps per conductor @ 25°C</td>
</tr>
</tbody>
</table>

Nom Outer Shield DCR: 6.8 Ohm/1000ft

Voltage

Non-UL Voltage Rating
100 V

Mechanical Characteristics

Temperature

Operating
-20°C to +60°C

Bend Radius

Stationary Min. Installation Min.
Max. Pull Tension: 37 lbs
Bulk Cable Weight: 25 lbs/1000ft

### Standards and Compliance

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Suitability</td>
<td>Indoor (Not Riser or Plenum), Indoor</td>
</tr>
<tr>
<td>APAC Compliance</td>
<td>China RoHS II (GB/T 26572-2011)</td>
</tr>
</tbody>
</table>

### Product Notes

**Notes:**
Quad connection scheme: The two blue wires (or wires directly opposite one another) are connected together to form one conductor, and similarly the two white wires (or remaining wires) are connected together to form the second conductor.

### History

**Update and Revision:** Revision Number: 0.361 Revision Date: 09-30-2020

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