Description

Amphenol Socapex 75 OHMS coaxial contacts were designed for use with coaxial cable in video systems (HD-SDI and 3G-SDI)

Main Features

- Provides 75 ohms matched impedance resulting in low VSWR and low insertion loss
- Does not require contact polarization within the insert (concentric interface)
- Available for MIL-DTL-38999/EN3645 and SIM/EN4165
- Crimp and PC Tails termination
- Easy cable adaptation upon request

Typical Electrical Performance

<table>
<thead>
<tr>
<th>Typical VSWR</th>
<th>Meet HD-SDI and 3G-SDI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insulation resistance</td>
<td>5,000 megaohms minimum at 25°C</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dielectric Withstanding Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 6 and 8</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Size 12</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

Markets & Applications

- C4ISR
- Navy
- Ground Vehicle
- Space

Applications:
- Camera
- Video acquisition
- In-Flight Entertainement
## QUADRAX CONTACTS

### Portfolio

### Crimp Contacts

<table>
<thead>
<tr>
<th>Contact Size</th>
<th>Cable</th>
<th>Contact Part Number</th>
<th>Piggy Back Grommet</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>RG-178B/U</td>
<td>600757</td>
<td>6003180</td>
</tr>
<tr>
<td></td>
<td>DRAKA HD PRO 0.8/3.7AF</td>
<td>600813</td>
<td>600715</td>
</tr>
<tr>
<td></td>
<td>BELDEN RG79 0.8/3.7</td>
<td></td>
<td>600759</td>
</tr>
<tr>
<td></td>
<td>GRUN 0.6/3.7</td>
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</table>

For size 6 contacts. Please consult us for available connectors and arrangements.

<table>
<thead>
<tr>
<th>Contact Size</th>
<th>Cable</th>
<th>Contact Part Number</th>
<th>Piggy Back Grommet</th>
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</thead>
<tbody>
<tr>
<td>8</td>
<td>RG-178B/U</td>
<td>600822</td>
<td>600841</td>
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<tr>
<td></td>
<td>PIC V75268</td>
<td>600830</td>
<td>900472</td>
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<td>PICV76281</td>
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<td></td>
<td>PIC73263</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>EMTEQ TFLX 125-075-01</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contact Size</th>
<th>Cable</th>
<th>Series</th>
<th>Contact Part Number</th>
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<tbody>
<tr>
<td>12</td>
<td>RG 178B/U</td>
<td>II</td>
<td>603039</td>
</tr>
<tr>
<td></td>
<td>EMTEQ TFLX 125-075-01</td>
<td>II</td>
<td>603360</td>
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<tr>
<td></td>
<td>RG 178B/U</td>
<td>III</td>
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<tr>
<td></td>
<td>EMTEQ TFLX125-075-01</td>
<td>III</td>
<td>603361</td>
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### PC TAILS Contacts

<table>
<thead>
<tr>
<th>Contact Size</th>
<th>Tail Length</th>
<th>Contact Part Number</th>
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</thead>
<tbody>
<tr>
<td>8</td>
<td>CI</td>
<td>600898</td>
</tr>
<tr>
<td></td>
<td>CI</td>
<td>600990</td>
</tr>
<tr>
<td>12*</td>
<td>CI</td>
<td>603425</td>
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</tbody>
</table>

* Series III
For other stick outs or custom board termination, please consult us.