4-WAY POWER DIVIDER
SURFACE MOUNT MODEL: SPD-90-210

OPTIMIZED BANDWIDTH

900 - 2100 MHz

FEATURES:
► Excellent Performance
► Small Size, Surface Mount
► Moderate Power
► Lead Free RoHS Compliant

APPLICATIONS:
► Signal Splitting & Low Power Combining

SPECIFICATIONS (Rev. B 03/12/07)

<table>
<thead>
<tr>
<th>Specification</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>900 - 2100 MHz</td>
</tr>
<tr>
<td>Insertion Loss (dB) *</td>
<td>0.9 - 1.25</td>
</tr>
<tr>
<td>Isolation (dB)</td>
<td>20 - 15</td>
</tr>
<tr>
<td>Phase Unbalance (Deg.)</td>
<td>3.0° - 6.0°</td>
</tr>
<tr>
<td>Amplitude Unbalance (dB)</td>
<td>0.2 - 0.5</td>
</tr>
<tr>
<td>Input Power</td>
<td>1 Watt (Max.)</td>
</tr>
<tr>
<td>Output Impedance</td>
<td>50 Ohms (Nom.)</td>
</tr>
<tr>
<td>Operating Temperature Range</td>
<td>-40 to +85 °C</td>
</tr>
</tbody>
</table>

* Above 6 dB theoretical split loss.
4-WAY POWER DIVIDER
SURFACE MOUNT MODEL: SPD-90-210

OPTIMIZED BANDWIDTH

900 - 2100 MHz

PERFORMANCE PLOTS

Phase Unbalance (degrees)

Frequency (MHz)

0 - 4

In - Out 3  In - Out 4  In - Out 5

Isolation (dB)

Frequency (MHz)

0 - 4

2 - 4  2 - 3  4 - 5  3 - 5
4-WAY POWER DIVIDER
SURFACE MOUNT MODEL: SPD-90-210

OPTIMIZED BANDWIDTH 900 - 2100 MHz

PERFORMANCE PLOTS

Return Loss (dB)

Frequency (MHz)

Input Output - 2 Output - 3 Output - 4 Output - 5