4-WAY POWER DIVIDER
SURFACE MOUNT MODEL: M4D200600
WIDE BANDWIDTH
2000 - 6000 MHz

FEATURES:
► Optimized Bandwidth
► Small Size, Surface Mount
► Moderate Power
► Lead Free RoHS Compliant

APPLICATIONS:
► Signal Splitting & Low Power Combining

SPECIFICATIONS (Rev. A 11/07/16)

<table>
<thead>
<tr>
<th>Frequency</th>
<th>2000 - 6000 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion Loss (dB) *</td>
<td>Typ.</td>
</tr>
<tr>
<td>1.0</td>
<td>1.5</td>
</tr>
<tr>
<td>Isolation (dB)</td>
<td>Typ.</td>
</tr>
<tr>
<td>18</td>
<td>12</td>
</tr>
<tr>
<td>Phase Unbalance</td>
<td>Typ.</td>
</tr>
<tr>
<td>4.0º</td>
<td>8.0º</td>
</tr>
<tr>
<td>Amplitude Unbalance (dB)</td>
<td>Typ.</td>
</tr>
<tr>
<td>0.1</td>
<td>0.3</td>
</tr>
<tr>
<td>Input Power **</td>
<td>5 Watts (Max.)</td>
</tr>
<tr>
<td>VSWR</td>
<td>1.2:1 (Typ.)</td>
</tr>
<tr>
<td>Impedance</td>
<td>50 Ohms (Nom.)</td>
</tr>
<tr>
<td>Operating Temperature Range</td>
<td>-40 to +85 °C</td>
</tr>
</tbody>
</table>

* Above 6.0 dB theoretical split loss.
** Handling power applies to splitter mode and assumes ideal 50 Ohms impedance matching on all ports.
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WIDE BANDWIDTH 2000 - 6000 MHz

DATA @ 25°C

PERFORMANCE PLOTS

**Phase Unbalance (deg)**

**Frequency (MHz)**

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

**ISOLATION (dB)**

**Frequency (MHz)**

- 2-3
- 2-4
- 4-5
- 3-5
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DATA @ 25°C

PERFORMANCE PLOTS

Return Loss (dB) vs Frequency (MHz)

- INPUT (1)
- OUT (2)
- OUT (3)
- OUT (4)
- OUT (4)