**PDM-60 Series**

**POWER DIVIDERS / COMBINERS**

1 to 500 MHz / 6-Way / Wideband Lumped Element Design / Low Insertion Loss / Compact SMA Pkg

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### PRINCIPAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Frequency Range, MHz</th>
<th>Isolation, dB</th>
<th>Amplitude Balance, dB</th>
<th>Phase Balance, Max.</th>
<th>Insertion Loss, dB</th>
<th>VSWR In/Out</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDM-60-50</td>
<td>1 - 100</td>
<td>25</td>
<td>30</td>
<td>0.4</td>
<td>2°</td>
<td>1.0</td>
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<td>0.8</td>
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<td></td>
<td>1.3:1</td>
</tr>
<tr>
<td>PDM-60-260</td>
<td>20 - 500</td>
<td>24</td>
<td>30</td>
<td>0.6</td>
<td>3°</td>
<td>1.7</td>
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<td>1.0</td>
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<td>1.4:1</td>
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</tbody>
</table>

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### GENERAL SPECIFICATIONS

- Impedance: 50 Ω nom.
- CW Input Power: 2 Watts max.
- Internal Load Dissipation: 250 mW max.
- Weight, nominal: 3 oz. (84 g)
- Operating Temperature: −55° to +85°C

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### Package Outline

![Package Outline Diagram]

**NOTES:**

1. Tolerance on 3 place decimals: 0.020(0.51) except as noted.
2. Dimensions in inches over millimeters.

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**Typical PDM-60-260 Performance**

![Performance Graphs]

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**General Notes:**

1. The PDM-60 series of 6-way In-Phase, Power Dividers/Combiners covers 1 to 500 MHz using a lumped element design for broad bandwidth and high performance.

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For further information contact **MERRIMAC / 41 Fairfield Pl., West Caldwell, NJ, 07006 / 973-575-1300 / FAX 973-575-0531**