**2-WAY POWER DIVIDER**
**CONNECTORIZED MODEL: DSK-H3N**

**WIDE BANDWIDTH 800 - 2400 MHz**

**FEATURES:**
- Excellent Performance
- Moderate Power

**APPLICATIONS:**
- Signal Splitting & Low Power Combining

**SPECIFICATIONS (Rev. A 04/04/12)**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
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<tbody>
<tr>
<td><strong>Frequency</strong></td>
<td>800 - 2400 MHz</td>
</tr>
<tr>
<td><strong>Insertion Loss (dB)</strong></td>
<td>Typ. 0.6</td>
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<tr>
<td><strong>Isolation (dB)</strong></td>
<td>Typ. 20</td>
</tr>
<tr>
<td><strong>Phase Unbalance (Deg.)</strong></td>
<td>Typ. 2.0</td>
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<tr>
<td><strong>Amplitude Unbalance (dB)</strong></td>
<td>Typ. 0.1</td>
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<tr>
<td><strong>VSWR</strong></td>
<td>Input 1.50:1</td>
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<tr>
<td><strong>Input Power</strong></td>
<td>30 Watt (CW)</td>
</tr>
<tr>
<td><strong>Impedance</strong></td>
<td>50 Ohms (Nom.)</td>
</tr>
<tr>
<td><strong>Operating Temperature Range</strong></td>
<td>-20 to +70 °C</td>
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</table>

1 Insertion loss is above the theoretical 3.0 dB splitting loss.
2 Handling power applies to splitter mode and assumes ideal 50 Ohms impedance matching on all ports.
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Phase Unbalance

Isolation

PERFORMANCE PLOTS
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Return Loss

S33
S22
S11

Frequency (MHz)

Return Loss (dB)

PERFORMANCE PLOTS