**4 Way Power Divider**

**ABPDC-4-S-698-2700MHz**

**STANDARD SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Min</th>
<th>Typ</th>
<th>Max</th>
<th>Units</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receiving Frequency Range</td>
<td>698</td>
<td></td>
<td>2700</td>
<td>MHz</td>
<td></td>
</tr>
<tr>
<td>Input VSWR</td>
<td>1.4</td>
<td>1.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Output VSWR</td>
<td>1.3</td>
<td>1.4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Insertion Loss</td>
<td>1.2</td>
<td></td>
<td></td>
<td>dB</td>
<td>(In addition to 6.02dB theoretical 4-way split loss.)</td>
</tr>
<tr>
<td>Output Isolation</td>
<td>17</td>
<td>20</td>
<td></td>
<td>dB</td>
<td></td>
</tr>
<tr>
<td>Power Rating</td>
<td>10</td>
<td></td>
<td></td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40</td>
<td></td>
<td>+85</td>
<td>°C</td>
<td></td>
</tr>
</tbody>
</table>

**FEATURES:**
- 698-2700MHz Multi-Band Frequency Range
- 5 & 10 W Power Rating
- Low RF Insertion Loss
- Impedance: 50Ω
- Connectors: SMA (f)
- Housing: Aluminum

**TYPICAL APPLICATIONS:**
- Provides a signal sample for measurement or monitoring
- Combines feeds to and from antenna
- Antenna beam forming
- Multiband antennas and leaky cable systems such as UMTS or DAS connection

**SAMPLE TEST PLOTS:**

Port 1: IN, Port 2: OUT1, Port 3: OUT2, Port 4: OUT3, Load: OUT4
4 Way Power Divider

ABPDC-4-S-698-2700MHz

MSL level: Not Applicable

SAMPLE TEST PLOTS:

Port 1: IN, Port 2: OUT1, Port 3: OUT2, Port 4: OUT4, Load: OUT3

RoHS/ RoHS II compliant

Visit www.abracon.com for Terms and Conditions of Sale
4 Way Power Divider

ABPDC-4-S-698-2700MHz

MSL level: Not Applicable

SAMPLE TEST PLOTS:

Port 1: IN, Port 2: OUT1, Port 3: OUT3, Port 4: OUT4, Load: OUT2

RoHS/ RoHS II compliant

ABRACON IS ISO9001:2008 CERTIFIED

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MSL level: Not Applicable

OUTLINE DIMENSION:

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of outputs</td>
<td>4</td>
</tr>
<tr>
<td>RF Connector Type</td>
<td>SMA-Female</td>
</tr>
<tr>
<td>Weight</td>
<td>214.5 g</td>
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</table>

PACKAGING:

Each part is individually wrapped in a 142 x 102 x 20mm flip-top box. Each 218 x 120 x 162mm outer box contains 10 flip-top boxes.

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