4 Way Power Divider

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>1.3</td>
<td>2700</td>
<td>MHz</td>
<td></td>
</tr>
<tr>
<td>VSWR</td>
<td>1.3</td>
<td></td>
<td>1.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Insertion Loss</td>
<td></td>
<td></td>
<td>1.2</td>
<td>dB</td>
<td>(In addition to 6.02dB theoretical 4-way split loss.)</td>
</tr>
<tr>
<td>Output Isolation</td>
<td>18</td>
<td>20</td>
<td></td>
<td>dB</td>
<td></td>
</tr>
<tr>
<td>Power Rating</td>
<td>10</td>
<td></td>
<td>10</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: N (f)
- Housing: Aluminum

MSL level: Not Applicable

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

RoHS/ RoHS II compliant

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

ABPDC-4-N-698-2700MHz

MSL level: Not Applicable

SAMPLE TEST PLOTS:

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

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

RoHS/ RoHS II compliant

2 Faraday, Suite# B | Irvine | CA 92618 Revised: 12.04.15
Ph. 949.546.8000 | Fax. 949.546.8001
Visit www.abracon.com for Terms and Conditions of Sale
4 Way Power Divider
ABPDC-4-N-698-2700MHz
MSL level: Not Applicable

OUTLINE DIMENSION:

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Dimension: mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of outputs</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>RF Connector Type</td>
<td>N-Female</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>428.5 g</td>
<td></td>
</tr>
</tbody>
</table>

PACKAGING:

Each part is individually wrapped in a 142x115x31mm flip-top box. Each 244x175x162mm outer box contains 10 flip-top boxes.

ATTENTION: Abracon Corporation’s products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracon’s products are not specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from Abracon Corporation is required. Please contact Abracon Corporation for more information.