SMA Dual Directional Coupler 40 dB Coupled Port
From 100 MHz to 500 MHz Rated To 200 Watts

Electrical Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>Min</th>
<th>Typ</th>
<th>Max</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range</td>
<td>100</td>
<td>500</td>
<td>500</td>
<td>MHz</td>
</tr>
<tr>
<td>Directivity</td>
<td>20</td>
<td></td>
<td></td>
<td>dB</td>
</tr>
<tr>
<td>Impedance</td>
<td></td>
<td>50</td>
<td></td>
<td>Ohms</td>
</tr>
<tr>
<td>Insertion Loss</td>
<td></td>
<td></td>
<td>0.25</td>
<td>dB</td>
</tr>
<tr>
<td>Input Power</td>
<td></td>
<td></td>
<td>200</td>
<td>Watts</td>
</tr>
<tr>
<td>Input VSWR</td>
<td></td>
<td></td>
<td>1.2:1</td>
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<tr>
<td>Coupling Accuracy</td>
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<td>40</td>
<td>dB</td>
</tr>
<tr>
<td>Coupling Tolerance</td>
<td></td>
<td></td>
<td>± 1</td>
<td>dB</td>
</tr>
<tr>
<td>Coupling Flatness</td>
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<td></td>
<td>± 0.3</td>
<td>dB</td>
</tr>
</tbody>
</table>

Mechanical Specifications

Temperature
Operating Range
+85 to -55 deg C

Size
Length
2.5 in [63.5 mm]
Width/Dia.
0.57 in [14.48 mm]
Height
1.3 in [33.02 mm]
Housing Material and Plating
Aluminum Alloy, Chem Film

Connector 1
Type
SMA Female

Connector 2
Type
SMA Female

Connector 3
Type
SMA Female

Connector 4
Type
SMA Female

Compliance Certifications (visit www.FairviewMicrowave.com for current document)
RoHS Compliant
Yes
Notes:

SMA Dual Directional Coupler 40 dB Coupled Port From 100 MHz to 500 MHz Rated To 200 Watts from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: SMA Dual Directional Coupler 40 dB Coupled Port From 100 MHz to 500 MHz Rated To 200 Watts FMCP1009


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