Model: BC-100A-30S
Description: 30dB Bi-Directional-Coupler
Operating Frequency: 2 - 1000 MHz
Coupling (reference to input): 30 ± 1.5 dB Nominal
Coupling Flatness: ± 1.2 dB Max
Insertion Loss (including coupled power):

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>20 - 500 MHz</th>
<th>500 - 1000 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 dB Max</td>
<td>1.6 dB Max</td>
<td></td>
</tr>
</tbody>
</table>

VSWR:

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>20 – 30 MHz</th>
<th>30 - 1000 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.6:1 Max</td>
<td>1.4:1 Max</td>
<td></td>
</tr>
</tbody>
</table>

Directivity: 18 dB Min
Power Handling: 2W CW / Peak
Connectors: SMA (f)
Impedance: 50 Ohms Nominal
Quality: Best-Commercial-Grade

Environmental Ratings:
Temperature: Operating: -40°C to +85°C & Storage: -50°C to +100°C
Humidity: MIL-STD-202F, Method 103B, Cond. B (96 hours at 95% R.H.)
Vibration: MIL-STD-202F, Method 204D, Cond. B (.06” double amplitude, or 15G)
Altitude: MIL-STD-202F, Method 105C, Cond. B (50,000 Feet)

Outline

Weight

2.9 oz [82.2 g]

- Specifications are subject to change without notice