Model: BC-003A-30B
Description: 30dB Bi-Directional-Coupler
Operating Frequency: 10 KHz - 30 MHz
Coupling (reference to input): 30 ± 1 dB Nominal
Coupling Flatness: ± 0.5 dB Max
Insertion Loss (including coupled power):

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>Insertion Loss</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 KHz-1 MHz</td>
<td>2.0 dB Max</td>
</tr>
<tr>
<td>1 - 30 MHz</td>
<td>2.5 dB Max</td>
</tr>
</tbody>
</table>

VSWR: Line 1.15:1 Max
Couple 1.15:1 Max
Directivity: 20 dB Min
Power Handling: 2W CW / Peak
Connectors: BNC (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.)
Shock: MIL-STD-202F, Method 103B, Cond. B (75G, 6mSec)
Vibration: MIL-STD-202F, Method 204D, Cond. B (.06” double amplitude, or 15G)
Altitude: MIL-STD-202F, Method 204C, Cond. B (50,000 Feet)