Technical Specification

<table>
<thead>
<tr>
<th>EIA WR</th>
<th>WR90</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range (GHz)</td>
<td>8.2-12.4</td>
</tr>
<tr>
<td>Coupling (dB)</td>
<td>60 Typ.</td>
</tr>
<tr>
<td>Directivity (dB)</td>
<td>15 Typ.</td>
</tr>
<tr>
<td>Mainline VSWR</td>
<td>1.10 Max.</td>
</tr>
<tr>
<td>Secondline VSWR</td>
<td>1.35 Max.</td>
</tr>
<tr>
<td>Flange</td>
<td>FBP100 (UBR100)</td>
</tr>
<tr>
<td>Coupling Port</td>
<td>N-Female/N-Male</td>
</tr>
<tr>
<td>Material</td>
<td>Cu</td>
</tr>
<tr>
<td>Net Weight (Kg)</td>
<td>0.25 Around</td>
</tr>
</tbody>
</table>

Outline Drawing (Size: mm)

Coupling Port: N-Female

For N-Male connector Coupling Port outline drawing, please contact A-INFO.

Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com
Flange Drawing (Size: mm)

41.4
30.99
4xΦ4.17
10.16
32.51
22.86

FBP100
Test Results

Coupling

Directivity
90WHCN-60_Cu
8.2-12.4GHz Waveguide Loop Coupler

Mainline VSWR

Secondline VSWR

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