## Technical Specification

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range(GHz)</td>
<td>1.0 - 18.0</td>
</tr>
<tr>
<td>Gain(dB)</td>
<td>0 Typ.</td>
</tr>
<tr>
<td>Polarization</td>
<td>Linear</td>
</tr>
<tr>
<td>VSWR</td>
<td>2.0:1 Typ.</td>
</tr>
<tr>
<td>Power(W)</td>
<td>80 CW</td>
</tr>
<tr>
<td>Connector</td>
<td>SMA-Female</td>
</tr>
<tr>
<td>Size(mm)</td>
<td>110 x 71</td>
</tr>
<tr>
<td>Net Weight(Kg)</td>
<td>0.5 Around</td>
</tr>
</tbody>
</table>

### Outline Drawing (Size: mm)

SMA Female Output
SMA Female Output with round type mounting bracket
Test Results

1. Gain

![Gain Graph]

2. VSWR

![VSWR Graph]
3. Pattern

![Pattern Diagrams]

Frequency: 1.00GHz

Frequency: 1.50GHz

Frequency: 2.00GHz

Frequency: 2.50GHz

Frequency: 3.00GHz

Frequency: 3.50GHz

H-Plane  E-Plane

-180°/180°  -180°/180°
1.0 - 18.0GHz Discone-Type Antenna

Frequency: 7.00GHz
H-Plane ——— E-Plane ———

Frequency: 7.50GHz
H-Plane ——— E-Plane ———

Frequency: 8.00GHz
H-Plane ——— E-Plane ———

Frequency: 8.50GHz
H-Plane ——— E-Plane ———

Frequency: 9.00GHz
H-Plane ——— E-Plane ———

Frequency: 9.50GHz
H-Plane ——— E-Plane ———

Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com
1.0 - 18.0GHz Discone-Type Antenna

Frequency: 13.00GHz

Frequency: 13.50GHz

Frequency: 14.00GHz

Frequency: 14.50GHz

Frequency: 15.00GHz

Frequency: 15.60GHz

H-Plane  E-Plane  H-Plane  E-Plane  H-Plane  E-Plane  H-Plane  E-Plane