The Mimomax MIMO Omni-Directional Dual Polarised Antenna transmits omni directional (360 degree) signals and has a unique, non-intrusive and vertical physical structure.

Like all Mimomax Antennas, the MIMO Omni-Directional Antenna is cross polarised. It transmits both vertically and horizontally polarised signals in a bi-quadrature diversity format, increasing signal quality and resilience to path interference.

The Mimomax MIMO Omni-Directional Dual Polarised Antenna is specifically designed for point-to-multipoint master base station solutions where 360 degree path signals are required to transmit simultaneously to a number of remote outstations.
Electrical Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Port 1: 698-960 MHz</th>
<th>Port 2: 698-960 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antenna Gain</td>
<td>5 dBi</td>
<td>8 dBi</td>
</tr>
<tr>
<td>Frequency</td>
<td>Port 1: 698-960 MHz</td>
<td>Port 2: 698-960 MHz</td>
</tr>
<tr>
<td>Polarization ≤</td>
<td>Port 1: H</td>
<td>Port 1: H</td>
</tr>
<tr>
<td></td>
<td>Port 2: V</td>
<td>Port 2: V</td>
</tr>
<tr>
<td>Half-power Horizontal Beamwidth</td>
<td>360°</td>
<td>360°</td>
</tr>
<tr>
<td>Half-power Vertical Beamwidth</td>
<td>12°</td>
<td>25°</td>
</tr>
<tr>
<td>VSWR</td>
<td>≤1.5</td>
<td>≤1.5</td>
</tr>
<tr>
<td>IM. 3rd order (2x43dBm)</td>
<td>&lt; -150 dBc</td>
<td>&lt; -150 dBc</td>
</tr>
<tr>
<td>Isolation</td>
<td>&gt; 25 dB</td>
<td>&gt; 25 dB</td>
</tr>
<tr>
<td>Impedance</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Maximum Input Power</td>
<td>100W</td>
<td>100W</td>
</tr>
<tr>
<td>VSWR</td>
<td>≤1.5</td>
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<td>50</td>
</tr>
<tr>
<td>Maximum Input Power</td>
<td>100W</td>
<td>100W</td>
</tr>
<tr>
<td>Lightning Protection</td>
<td>DC Ground</td>
<td>DC Ground</td>
</tr>
<tr>
<td>Mechanical Specifications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connector</td>
<td>2 x N-Female</td>
<td>2 x N-Female or Din Female</td>
</tr>
<tr>
<td>Dimensions</td>
<td>300mm (H) x 1000mm (Ø)</td>
<td>300mm (H) x 2000mm (Ø)</td>
</tr>
<tr>
<td>Weight</td>
<td>12kg</td>
<td>15kg</td>
</tr>
<tr>
<td>Radome Material</td>
<td>UPVC/Fiber Glass</td>
<td>UPVC/Fiber Glass</td>
</tr>
<tr>
<td>Installation</td>
<td>Clamp for poles</td>
<td>Flange Base</td>
</tr>
<tr>
<td></td>
<td>diameter 30-55mm</td>
<td></td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-55°C - 65°C</td>
<td>-55°C - 65°C</td>
</tr>
<tr>
<td>Max Wind Speed</td>
<td>200km/h</td>
<td>200km/h</td>
</tr>
</tbody>
</table>

Product Orders

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT-698-960-008-OD00</td>
<td>700MHz MiMO Co-Linear, 698-960MHz, 8dBi, 2 x N-Female</td>
</tr>
</tbody>
</table>

Important: Specifications are subject to change without prior notice