WIDEBAND HEMISPHERICAL OMNI ANTENNAS (WHO)

For air-to-ground applications. When coverage is required overhead, at the horizon and at all angles in between.

Complete hemispherical coverage with no gaps.

Uniform performance over wide bandwidths, with 2 dBi gain.

Wide operating bandwidths, including 2.0-2.5 GHz, 2.2-2.7 GHz, 4.4-5.0 GHz.

RHCP up/down transitioning to elliptical V poln on horizon.

Particularly suitable for use with diversity receive set-ups with RHCP uplook and V poln. sectors.

Ground plane independent.

Aluminum alloy body and polypropylene radome.

Mounting via tapped holes in solid base or through hole flange (compatible with Dart Cross-Tube antenna mount).

Connector: N or SMA female
Frequency bands: see list over
Gain: 2dBi
Polarization: RHCP / V
Return loss: 14dB (1.5:1 VSWR)
Power handling: 10W

WHO225 versions with tapped holes and flange

Blue - total
Red - vertical
Green - horizontal

PEAK ANTENNAS

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<table>
<thead>
<tr>
<th>Designation</th>
<th>Frequency</th>
<th>Diameter (radome)</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHO225</td>
<td>2.0-2.5 GHz</td>
<td>80.0mm (3.15&quot;)</td>
<td>138.0mm (5.4&quot;)</td>
</tr>
<tr>
<td>WHO245</td>
<td>2.2-2.7 GHz</td>
<td>80.0mm (3.15&quot;)</td>
<td>138.0mm (5.4&quot;)</td>
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<tr>
<td>WHO340</td>
<td>3.1-3.7 GHz</td>
<td>54.4mm (2.14&quot;)</td>
<td>110.0mm (4.3&quot;)</td>
</tr>
<tr>
<td>WHO470</td>
<td>4.4-5.0 GHz</td>
<td>39.3mm (1.55&quot;)</td>
<td>90.0mm (3.5&quot;)</td>
</tr>
<tr>
<td>WHO555</td>
<td>5.2-5.9 GHz</td>
<td>33.8mm (1.33&quot;)</td>
<td>80.0mm (3.15&quot;)</td>
</tr>
<tr>
<td>WHO655</td>
<td>6.4-6.7 GHz</td>
<td>29.0mm (1.14&quot;)</td>
<td>73.5mm (2.9&quot;)</td>
</tr>
</tbody>
</table>

Please ask us if you have a frequency requirement not listed here.

WHO655 antennas with tapped holes and through hole flange mount (above).

WHO225 antenna mounted on light aircraft (right).

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