3 Meter TVRO Antenna

- 3 meter TVRO antenna uses a high precision stretch forming aluminum reflector panel.
- You can choose between single polarization and dual polarization for 3 meter TVRO antenna.
- We can provide both linear and circular polarization for our customers for 3 meter TVRO antenna.
- There are various bands for your choice including C-band, Ku-band for 3 meter TVRO antenna.
- 3 meter TVRO antenna has a fashionable design and is easy to install and adjust.

**Electrical Specification**

<table>
<thead>
<tr>
<th></th>
<th>C-BAND</th>
<th>Ku-BAND</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>3.625-4.2GHz</td>
<td>10.95-12.75GHz</td>
</tr>
<tr>
<td>Insertion Loss</td>
<td>0.25dB</td>
<td>0.3dB</td>
</tr>
<tr>
<td>VSWR</td>
<td>1.3:1</td>
<td></td>
</tr>
<tr>
<td>-3dB Beamwidth</td>
<td>1.77°</td>
<td>0.597°</td>
</tr>
<tr>
<td>Isolation</td>
<td>35dB</td>
<td></td>
</tr>
<tr>
<td>Feed Interface</td>
<td>WR229/F</td>
<td>WR75/F</td>
</tr>
<tr>
<td>Gain</td>
<td>39.33dB</td>
<td>48.79dB</td>
</tr>
<tr>
<td>Sidelobe Level</td>
<td>52-10lg(D/λ)-25lgθ</td>
<td>32-25lgθ 2°≤θ≤20°</td>
</tr>
<tr>
<td>First Sidelobe</td>
<td>≤-14dB</td>
<td></td>
</tr>
<tr>
<td>Noise Temperature</td>
<td>34°K@10°</td>
<td>48°K@10°</td>
</tr>
</tbody>
</table>

**Mechanical Specification**

- Elevation Adjustment: 0° to 90° (continuous)
- Azimuth Adjustment: 0° to 360° (continuous)
- Antenna Optics: Prime-focus antenna
- Wind Loading: Operational: 45mph 72kmph, 60mph 97kmph, Survival: 125mph 200kmph
- Seismic (survival): 0.3G’s horizontal, 0.15 G’s vertical
- Temperature: -45°C ~ 50°C
- Relative Humidity: 100%

*Antesky Science Technology Inc.*

[http://www.antesky.com/]